

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077938.D
 Acq On : 26 May 2023 19:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Quant Time: May 29 00:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	340099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	623185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247826	48.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.400%		
35) Dibromofluoromethane	8.177	113	214521	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	10.576	98	791956	50.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.859	95	261857	47.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	164861	42.594	ug/l	98
3) Chloromethane	2.371	50	184606	44.798	ug/l	98
4) Vinyl Chloride	2.518	62	238800	48.935	ug/l	98
5) Bromomethane	2.947	94	177513	49.184	ug/l	99
6) Chloroethane	3.118	64	178140	50.653	ug/l	99
7) Trichlorofluoromethane	3.500	101	339260	49.885	ug/l	98
8) Diethyl Ether	3.965	74	123993	49.942	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	188079	49.973	ug/l	98
10) Methyl Iodide	4.600	142	254414	56.682	ug/l	95
11) Tert butyl alcohol	5.541	59	167345	238.283	ug/l	97
12) 1,1-Dichloroethene	4.347	96	180548	50.473	ug/l	95
13) Acrolein	4.189	56	107904	246.578	ug/l	97
14) Allyl chloride	5.036	41	241579	45.972	ug/l	92
15) Acrylonitrile	5.730	53	459381	244.837	ug/l	99
16) Acetone	4.436	43	364482	227.661	ug/l	93
17) Carbon Disulfide	4.718	76	433515	44.979	ug/l	99
18) Methyl Acetate	5.036	43	340874	50.752	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	640515	49.470	ug/l	98
20) Methylene Chloride	5.283	84	220286	52.982	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	203171	50.564	ug/l	86
22) Diisopropyl ether	6.683	45	610833	49.592	ug/l	96
23) Vinyl Acetate	6.612	43	2087450m	273.533	ug/l	
24) 1,1-Dichloroethane	6.577	63	388831	51.528	ug/l	96
25) 2-Butanone	7.494	43	585130	233.638	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	286476	44.686	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	249983	51.886	ug/l	94
28) Bromochloromethane	7.818	49	143318	43.915	ug/l	89
29) Tetrahydrofuran	7.847	42	383685	233.971	ug/l #	84
30) Chloroform	7.977	83	426457	51.375	ug/l	95
31) Cyclohexane	8.265	56	320027	46.271	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	374645	53.085	ug/l	97
36) 1,1-Dichloropropene	8.382	75	307083	51.664	ug/l	96
37) Ethyl Acetate	7.571	43	245345	46.311	ug/l #	93
38) Carbon Tetrachloride	8.371	117	327021	54.485	ug/l	98
39) Methylcyclohexane	9.606	83	340758	46.828	ug/l	92
40) Benzene	8.618	78	922301	52.583	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	127110	45.053	ug/l	93
42) 1,2-Dichloroethane	8.677	62	319963	50.218	ug/l	98
43) Isopropyl Acetate	8.694	43	419330	48.459	ug/l	96
44) Trichloroethene	9.359	130	237829	53.550	ug/l	99
45) 1,2-Dichloropropane	9.629	63	234695	52.458	ug/l	98
46) Dibromomethane	9.718	93	164316	51.326	ug/l	94
47) Bromodichloromethane	9.894	83	326872	53.331	ug/l	98
48) Methyl methacrylate	9.688	41	199423	48.607	ug/l	89
49) 1,4-Dioxane	9.706	88	84156	1086.030	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1290567	250.904	ug/l	94
52) Toluene	10.635	92	593371	54.340	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	337446	51.990	ug/l	100
54) cis-1,3-Dichloropropene	10.323	75	366082	51.181	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	235654	54.352	ug/l	98
56) Ethyl methacrylate	10.882	69	339230	51.747	ug/l	91
57) 1,3-Dichloropropane	11.170	76	390796	52.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	669711	207.656	ug/l	92
59) 2-Hexanone	11.200	43	905030	237.880	ug/l	93
60) Dibromochloromethane	11.365	129	248372	55.490	ug/l	99
61) 1,2-Dibromoethane	11.476	107	233832	54.060	ug/l	99
64) Tetrachloroethene	11.112	164	227372	60.152	ug/l	95
65) Chlorobenzene	11.900	112	624417	53.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	237135	58.487	ug/l	98
67) Ethyl Benzene	11.970	91	1142488	54.407	ug/l	100
68) m/p-Xylenes	12.076	106	879309	110.513	ug/l	98
69) o-Xylene	12.406	106	428977	54.822	ug/l	99
70) Styrene	12.417	104	686443	55.223	ug/l	98
71) Bromoform	12.588	173	151079	56.014	ug/l #	99
73) Isopropylbenzene	12.706	105	1110867	54.732	ug/l	99
74) N-amyl acetate	12.500	43	334274	44.557	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	314490	50.367	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	277352m	47.035	ug/l	
77) Bromobenzene	12.988	156	240752	51.978	ug/l	98
78) n-propylbenzene	13.041	91	1243767	51.979	ug/l	99
79) 2-Chlorotoluene	13.135	91	757696	53.066	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	933579	54.728	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	81899	44.396	ug/l #	87
82) 4-Chlorotoluene	13.229	91	720910	50.745	ug/l	99
83) tert-Butylbenzene	13.447	119	774553	52.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	913537	54.453	ug/l	100
85) sec-Butylbenzene	13.623	105	1051200	49.669	ug/l	99
86) p-Isopropyltoluene	13.735	119	878227	52.051	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	428846	50.065	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	408776	48.091	ug/l	97
89) n-Butylbenzene	14.064	91	697252	44.929	ug/l	98
90) Hexachloroethane	14.341	117	144296	52.059	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	428401	53.535	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54486	45.073	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	172397	36.866	ug/l	98
94) Hexachlorobutadiene	15.511	225	73166	37.684	ug/l	97
95) Naphthalene	15.647	128	530346	32.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179447	39.193	ug/l	98

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

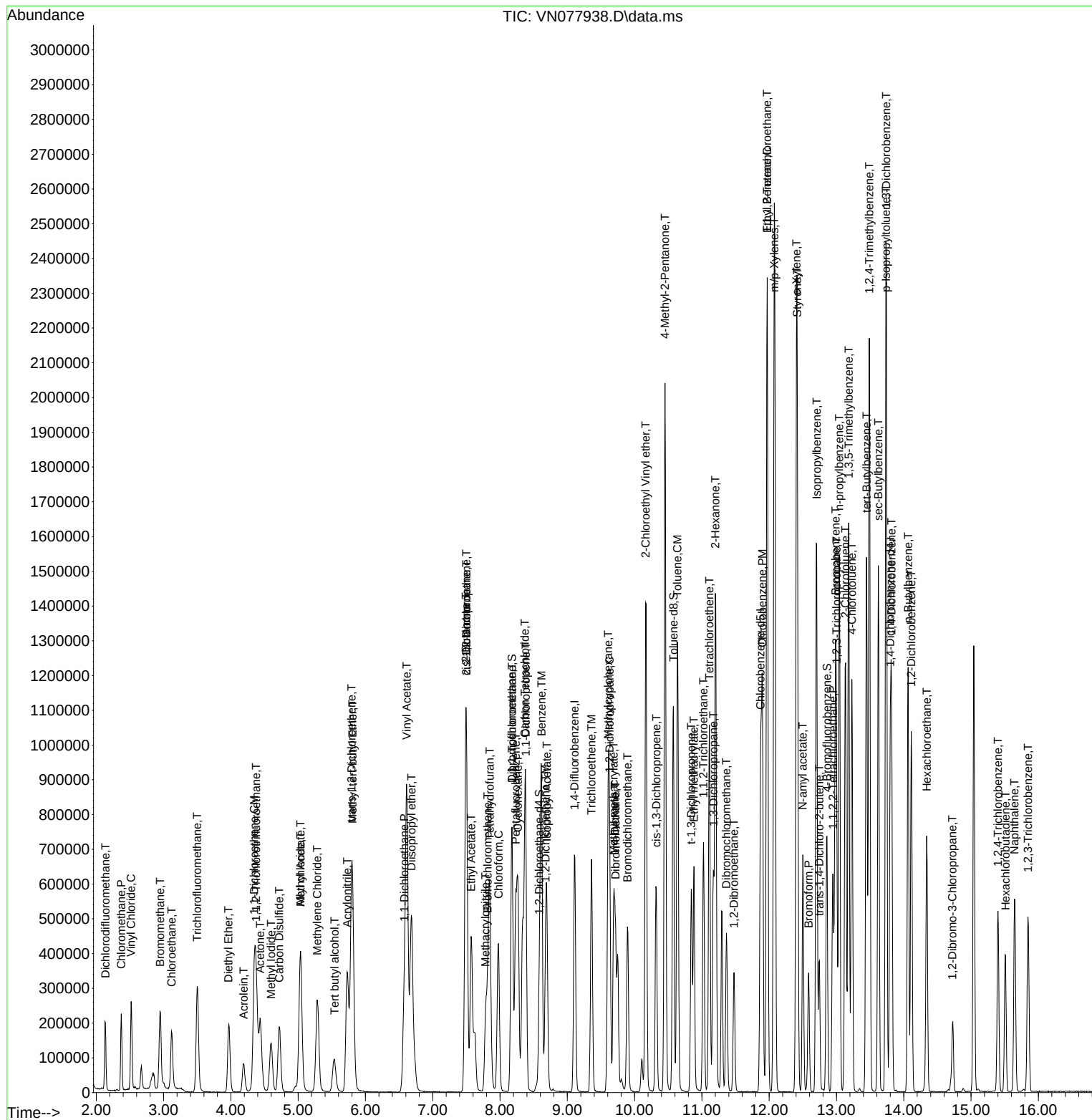
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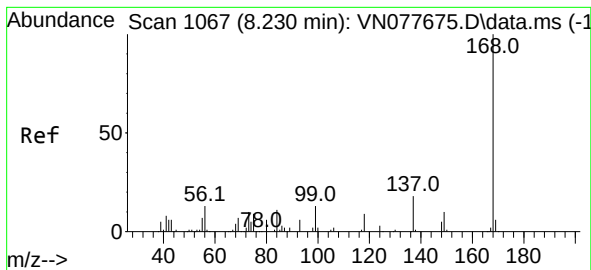
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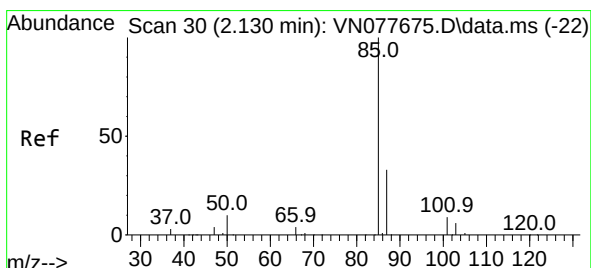
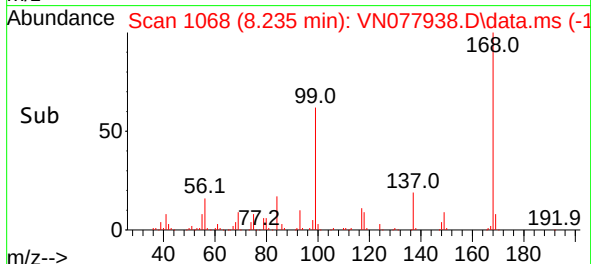
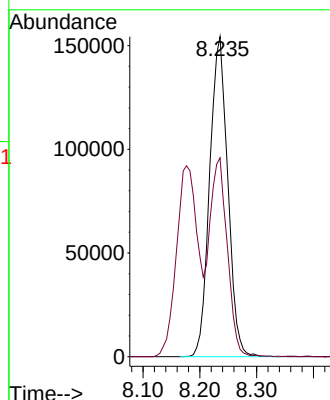
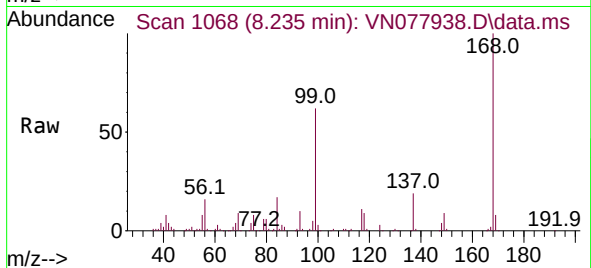
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077938.D
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MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 340099
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6

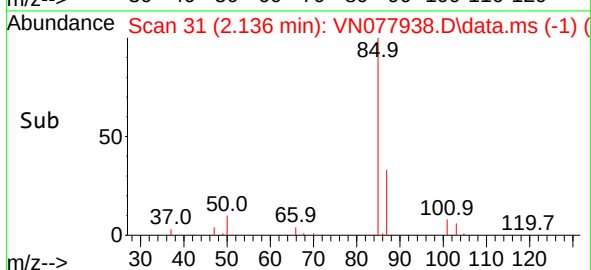
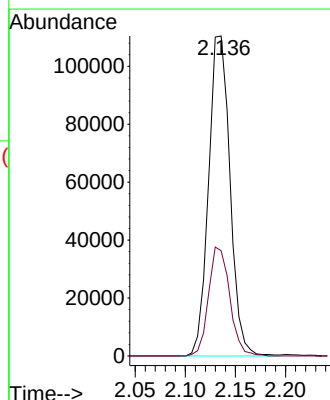
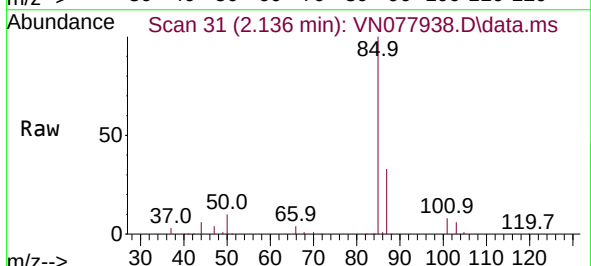
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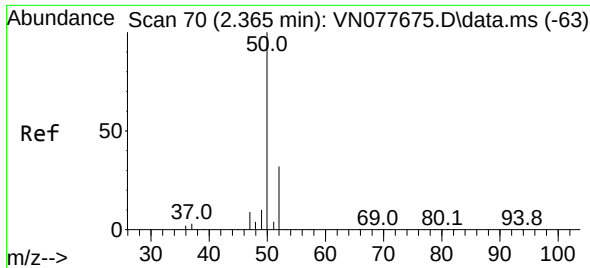
Reviewed By :John Carlone 05/30/2023
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#2
Dichlorodifluoromethane
Concen: 42.594 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

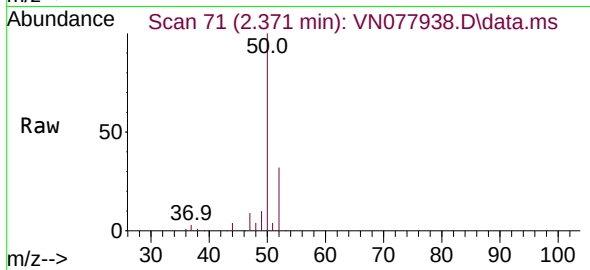
Tgt Ion: 85 Resp: 164861
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 44.798 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

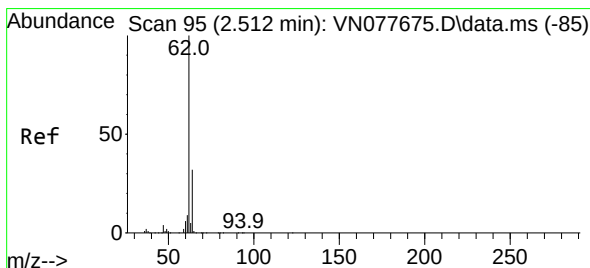
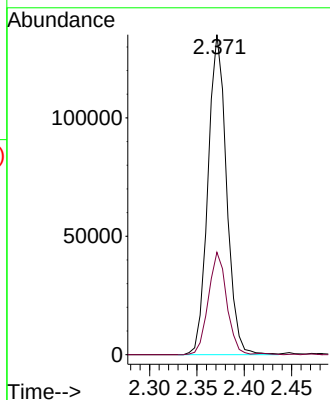
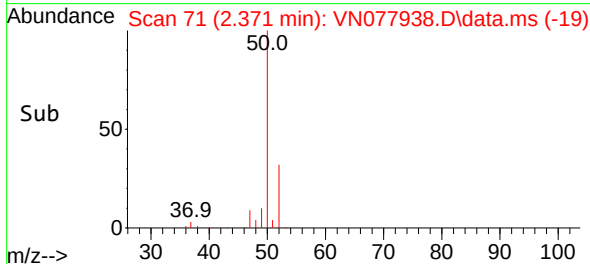
Instrument :
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Tgt Ion: 50 Resp: 184600
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

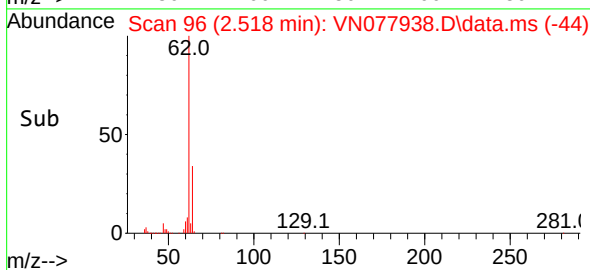
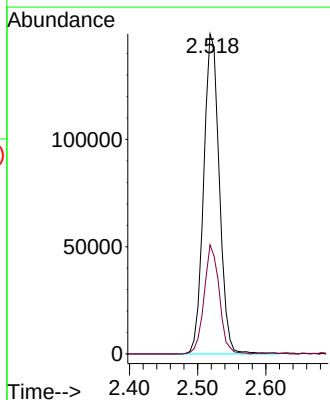
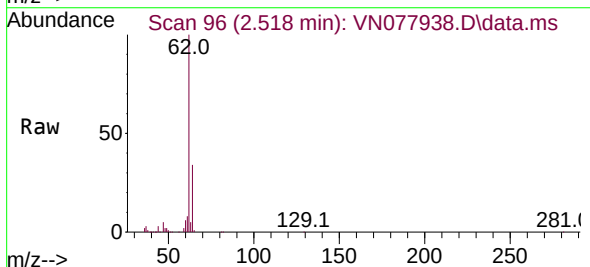
Manual Integrations
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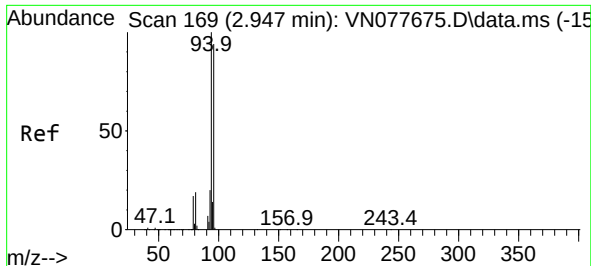
Reviewed By :John Carlone 05/30/2023
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#4
Vinyl Chloride
Concen: 48.935 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077938.D
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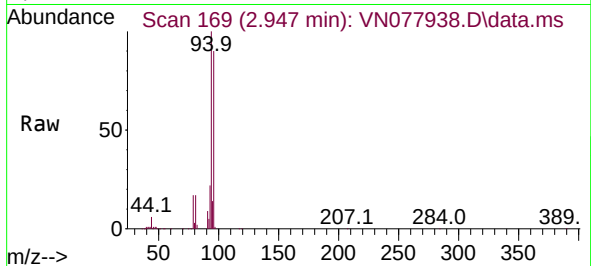
Tgt Ion: 62 Resp: 238800
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





#5
Bromomethane
Concen: 49.184 ug/l
RT: 2.947 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

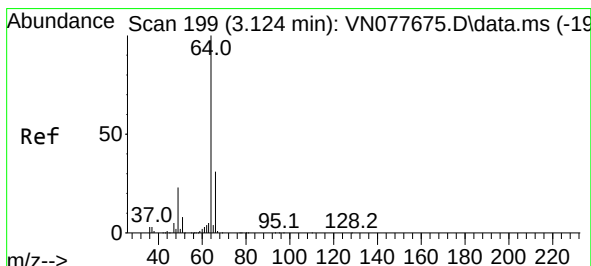
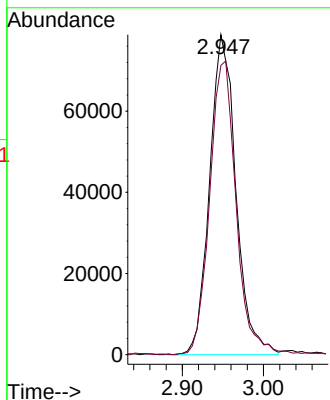
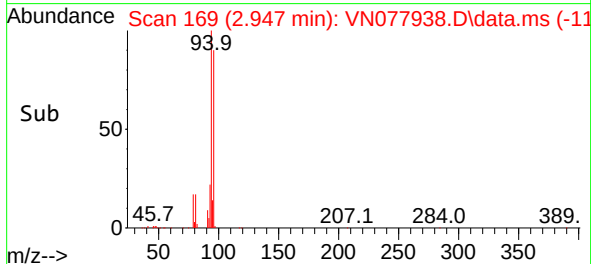
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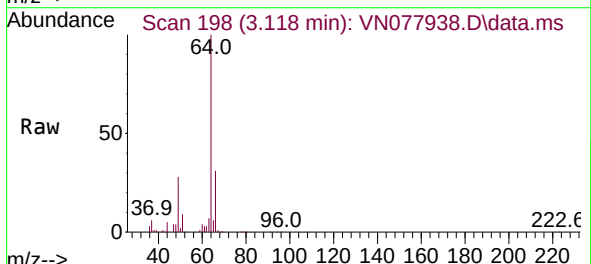
Tgt Ion: 94 Resp: 17751
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

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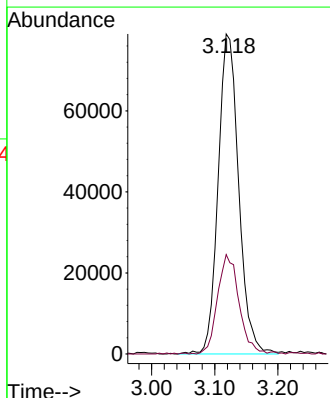
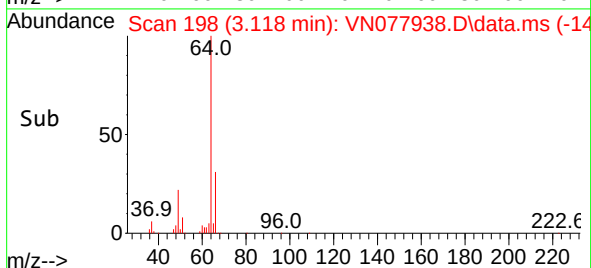
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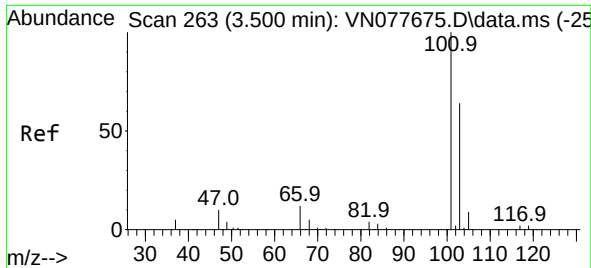


#6
Chloroethane
Concen: 50.653 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077938.D
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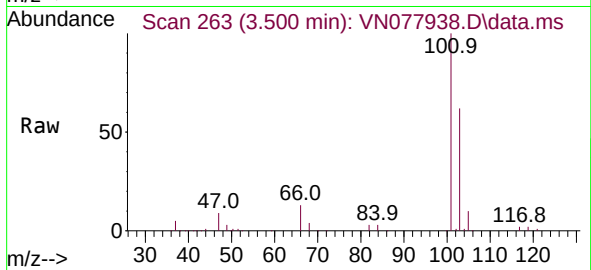
Tgt Ion: 64 Resp: 178140
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 49.885 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN077938.D
 Acq: 26 May 2023 19:29

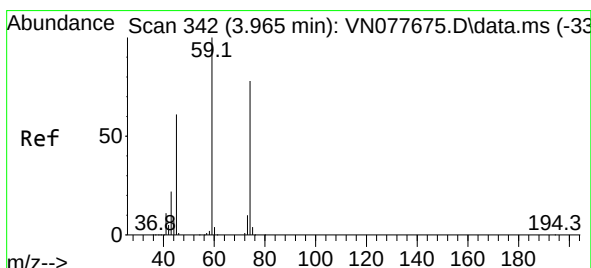
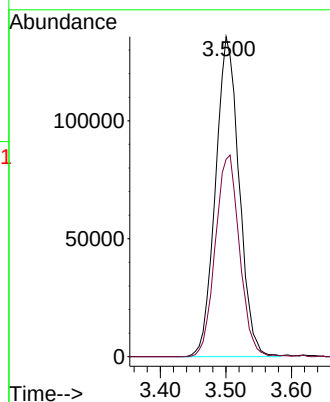
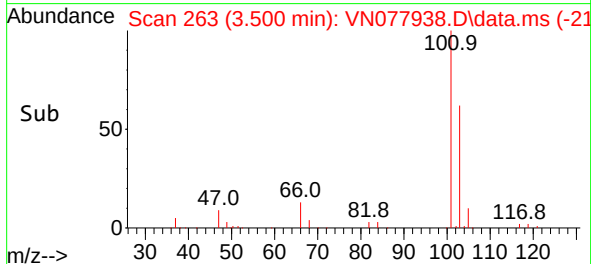
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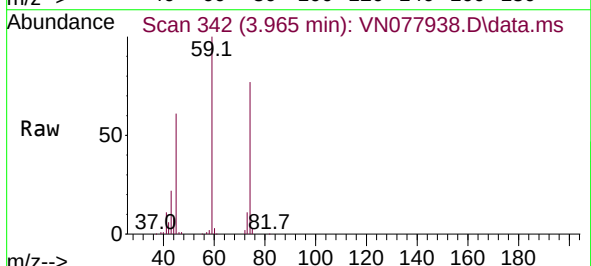
Tgt Ion:101 Resp: 339260
 Ion Ratio Lower Upper
 101 100
 103 61.7 50.7 76.1

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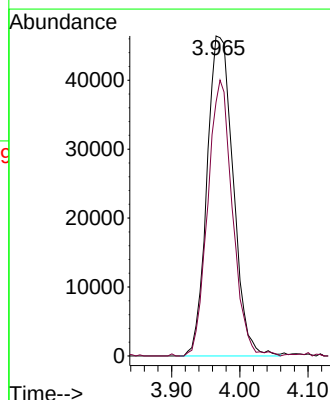
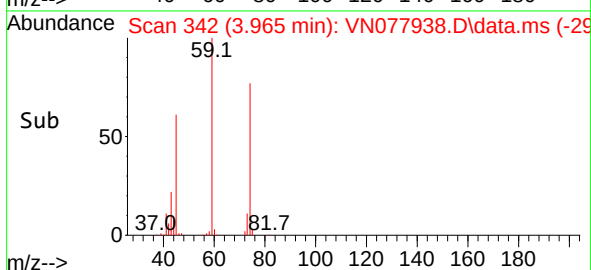
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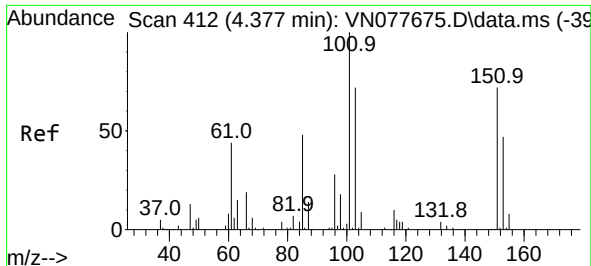


#8
 Diethyl Ether
 Concen: 49.942 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 123993
 Ion Ratio Lower Upper
 74 100
 45 81.3 34.4 103.3





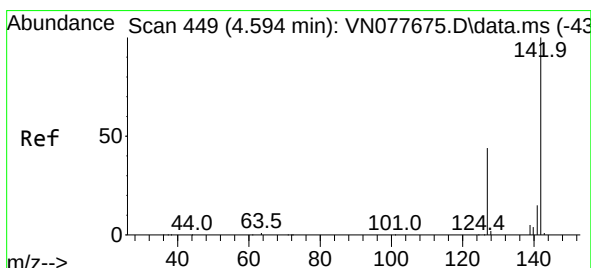
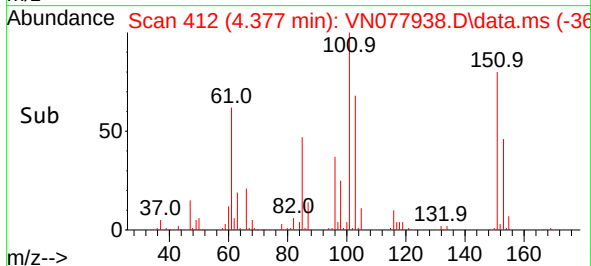
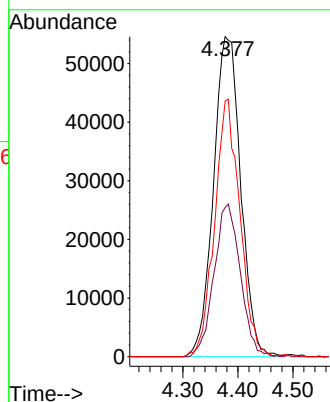
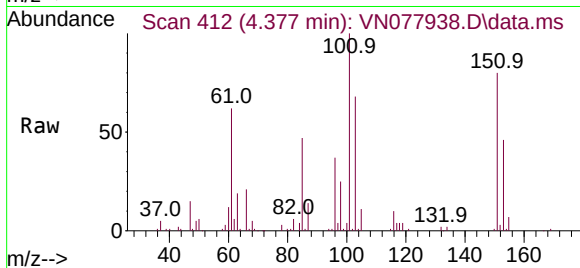
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.973 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 188079
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.5 57.6 86.4

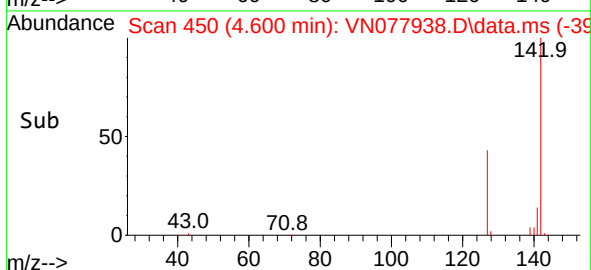
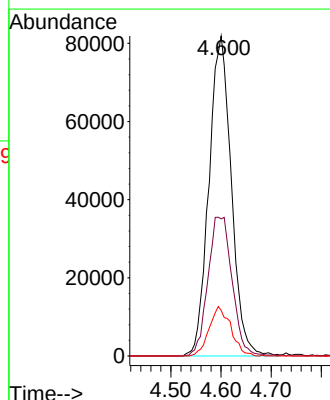
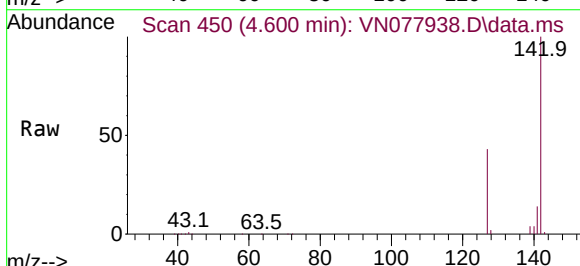
Manual Integrations
APPROVED

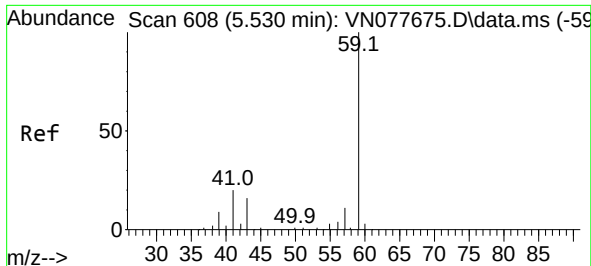
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 56.682 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion:142 Resp: 254414
Ion Ratio Lower Upper
142 100
127 42.9 37.6 56.4
141 14.2 11.4 17.0





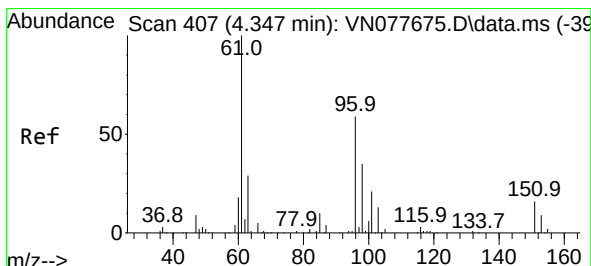
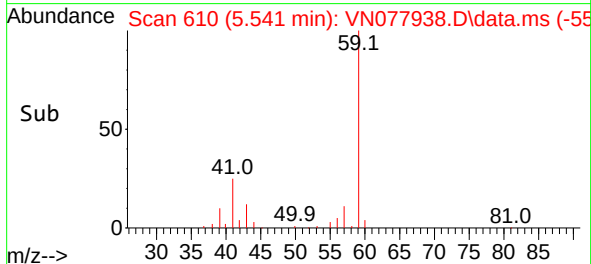
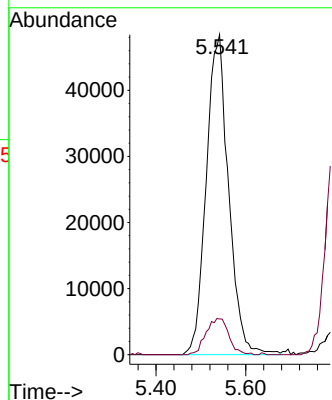
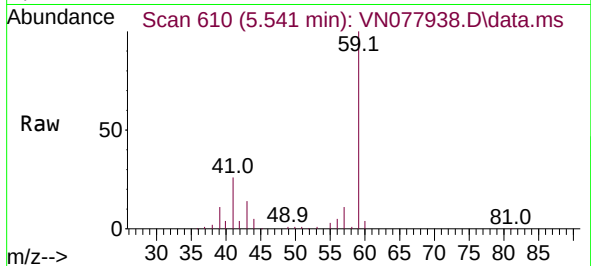
#11
Tert butyl alcohol
Concen: 238.283 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 167345
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4

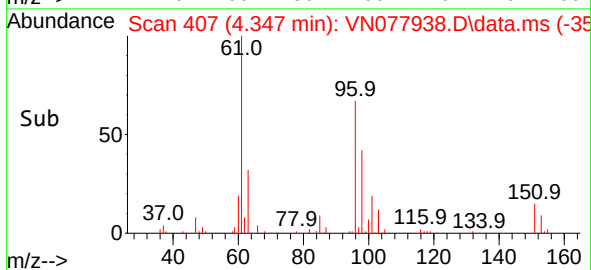
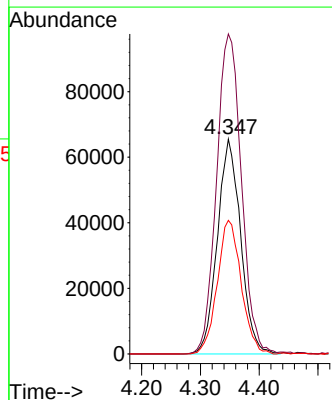
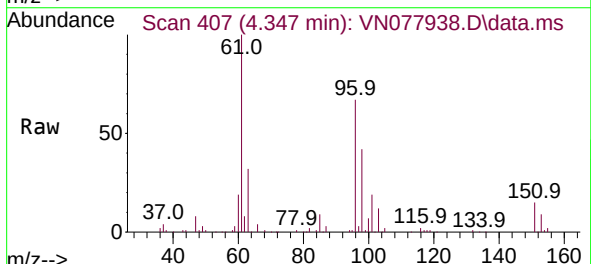
Manual Integrations
APPROVED

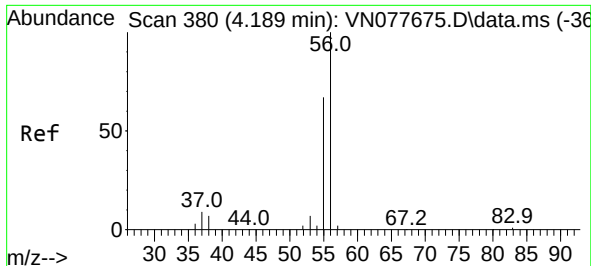
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#12
1,1-Dichloroethene
Concen: 50.473 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 96 Resp: 180548
Ion Ratio Lower Upper
96 100
61 148.9 112.7 169.1
98 62.2 51.2 76.8





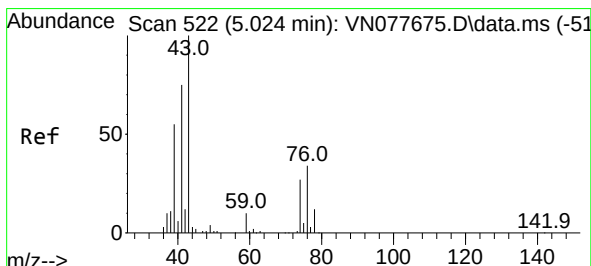
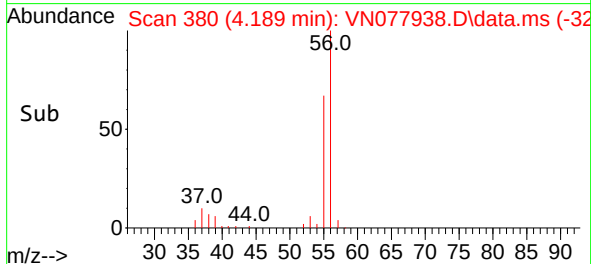
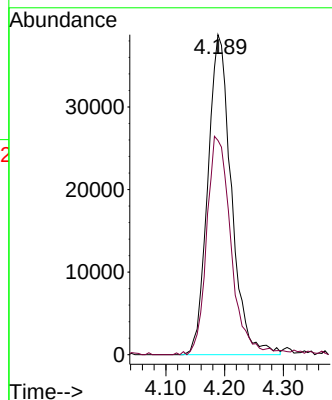
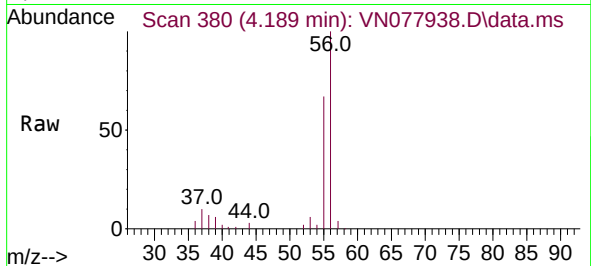
#13
Acrolein
Concen: 246.578 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 107904
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7

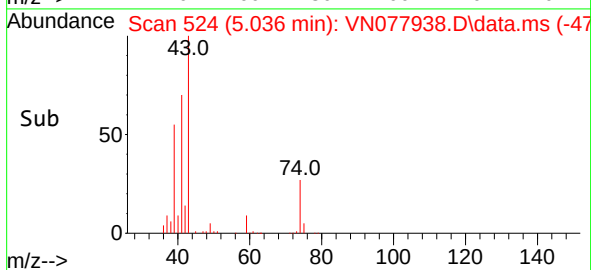
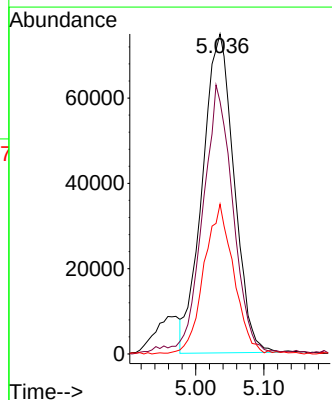
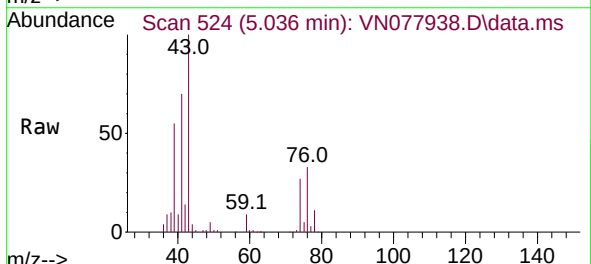
Manual Integrations
APPROVED

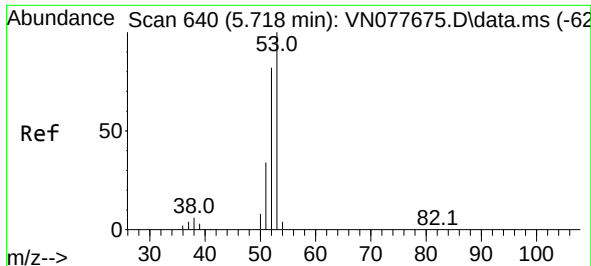
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 45.972 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

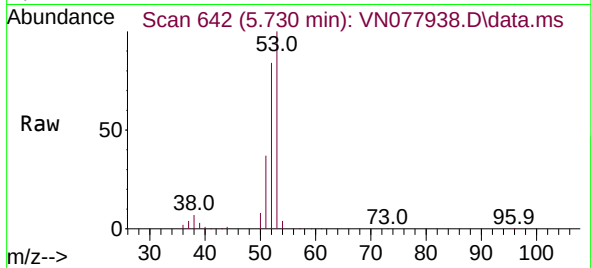
Tgt Ion: 41 Resp: 241579
Ion Ratio Lower Upper
41 100
39 81.9 58.8 88.2
76 44.7 39.1 58.7





#15
Acrylonitrile
Concen: 244.837 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

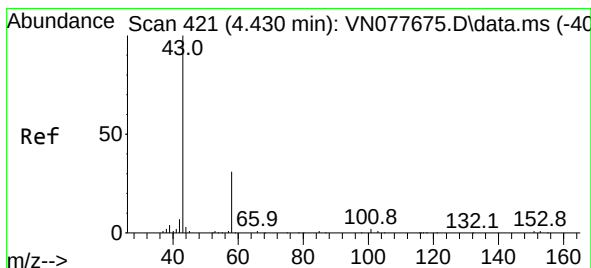
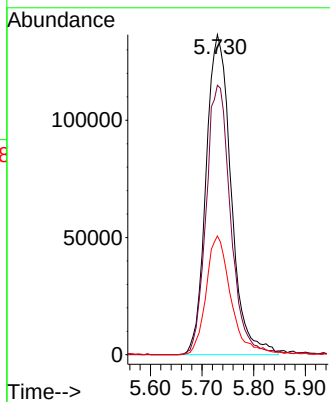
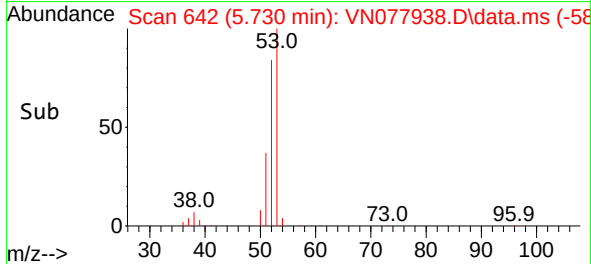
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 45938
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.9 28.9 43.3

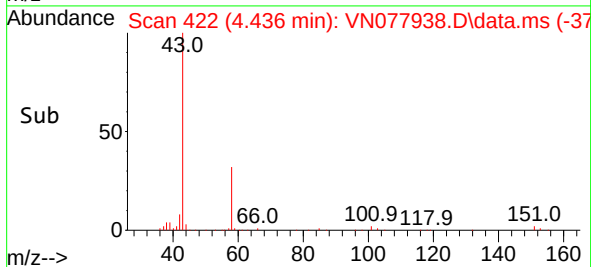
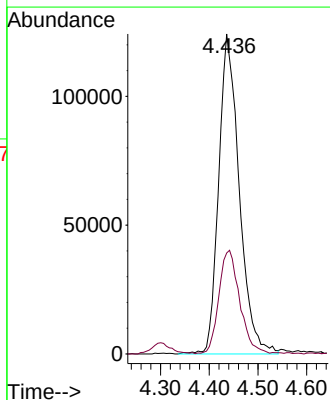
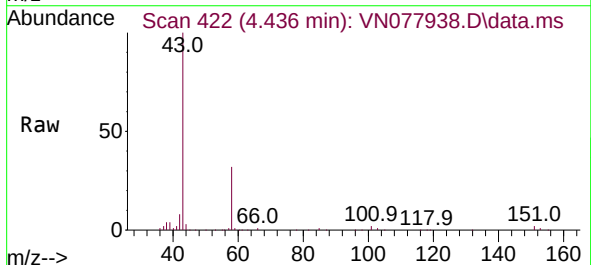
Manual Integrations
APPROVED

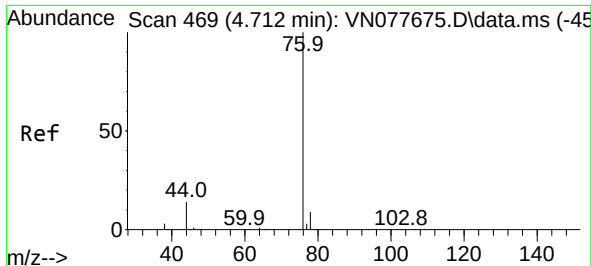
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 227.661 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 43 Resp: 364482
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





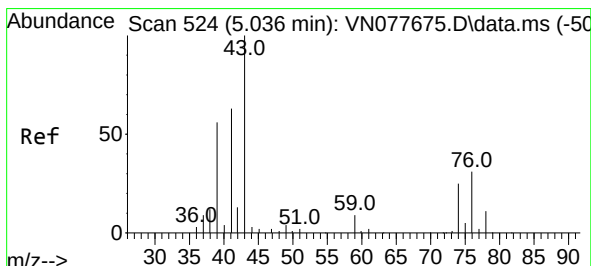
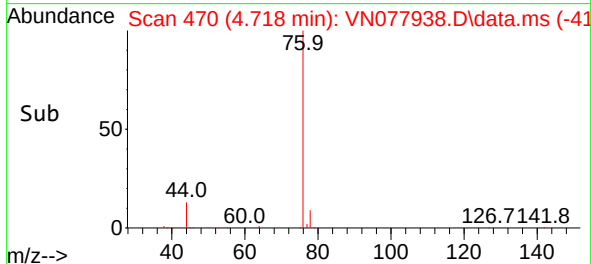
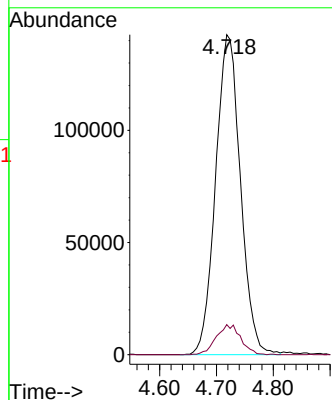
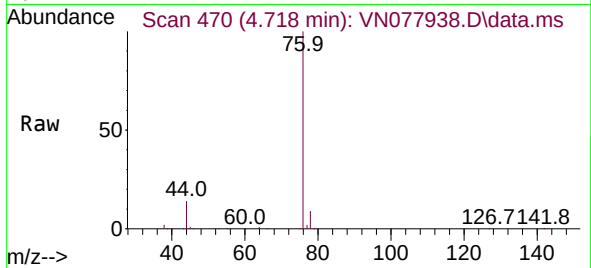
#17
Carbon Disulfide
Concen: 44.979 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 43351
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

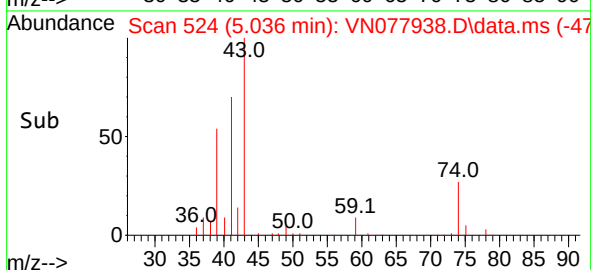
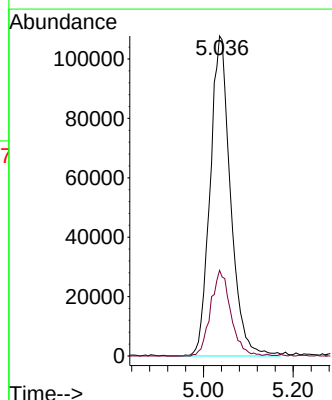
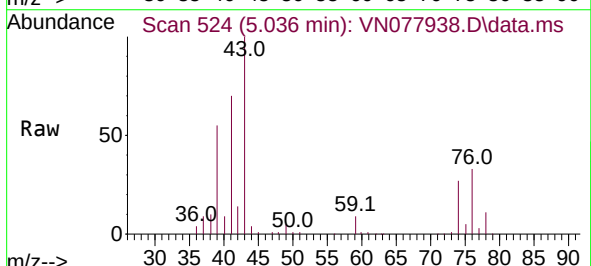
Manual Integrations
APPROVED

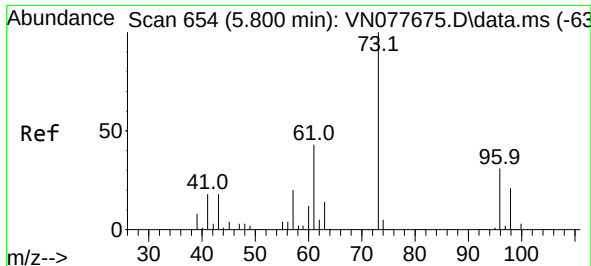
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 50.752 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 43 Resp: 340874
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 49.470 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 64051

Ion Ratio Lower Upper

73 100

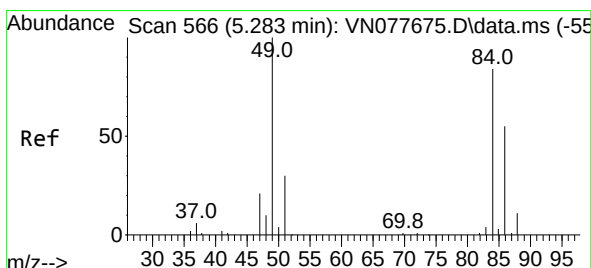
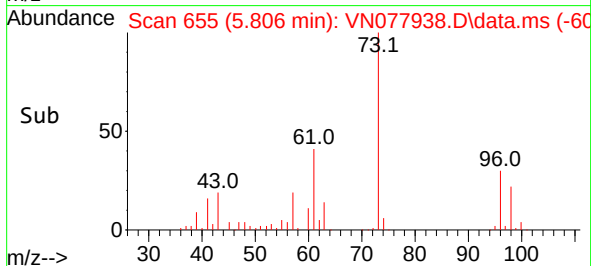
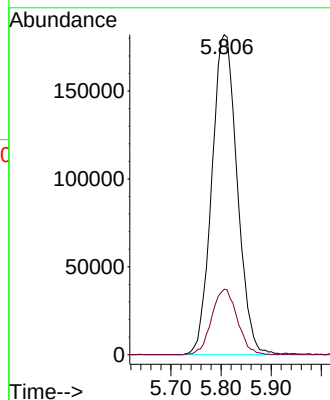
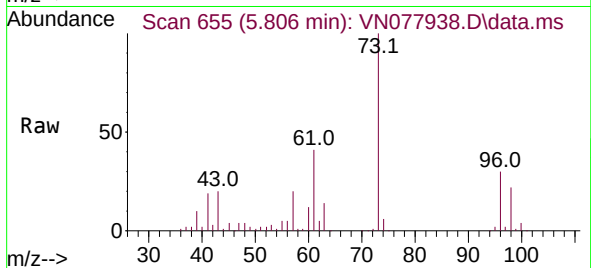
57 20.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#20

Methylene Chloride

Concen: 52.982 ug/l

RT: 5.283 min Scan# 566

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion: 84 Resp: 220286

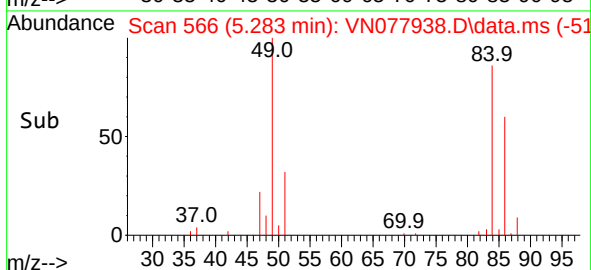
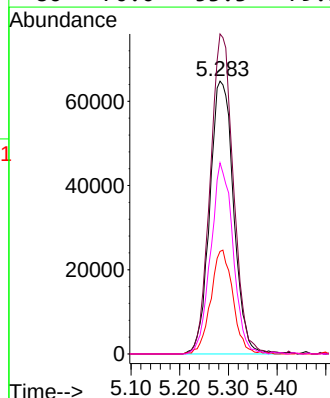
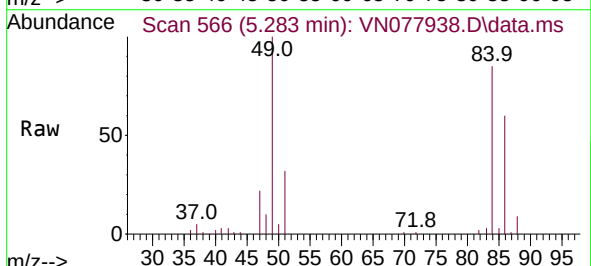
Ion Ratio Lower Upper

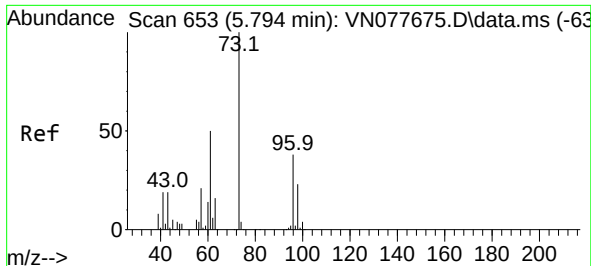
84 100

49 117.3 79.7 119.5

51 37.6 25.2 37.8

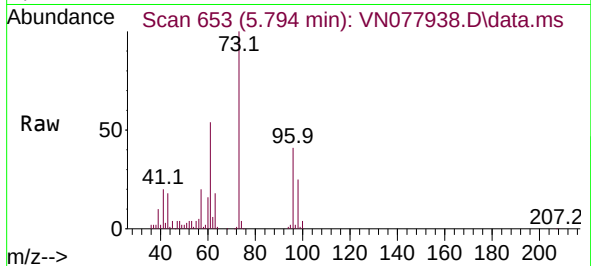
86 70.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.564 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

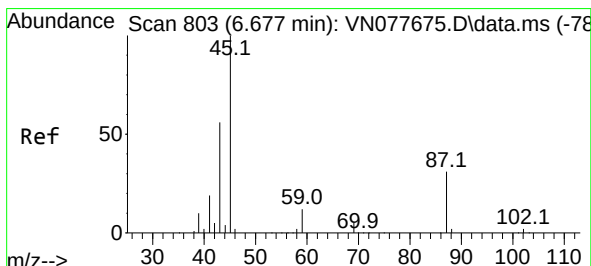
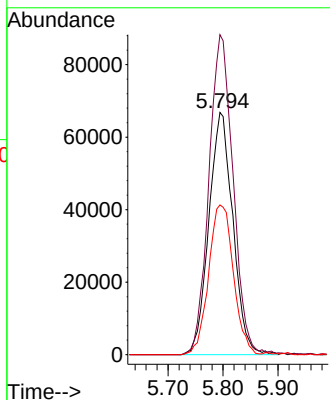
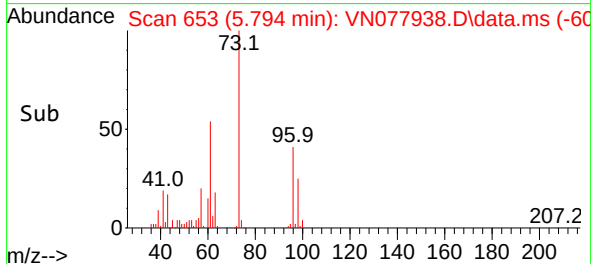
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20317
Ion Ratio Lower Upper
96 100
61 132.1 90.1 135.1
98 61.8 46.4 69.6

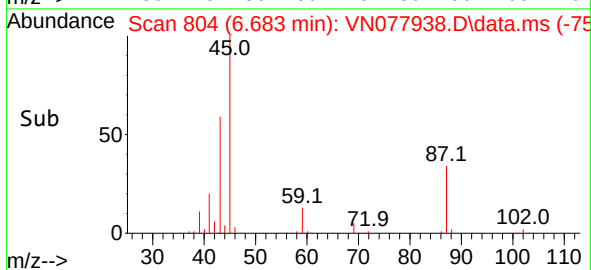
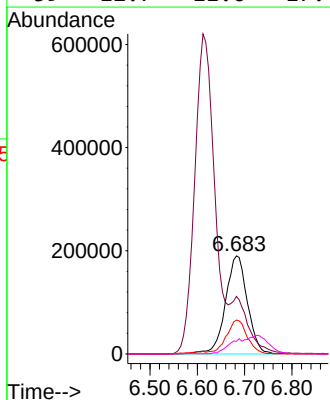
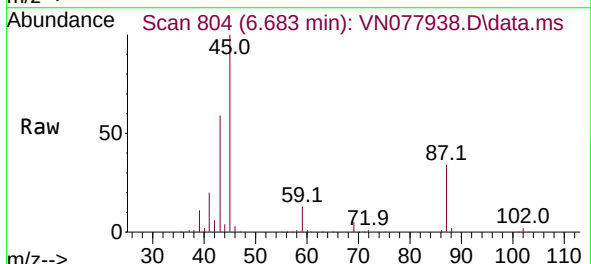
Manual Integrations
APPROVED

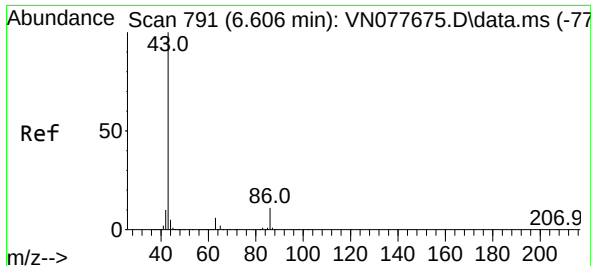
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 49.592 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

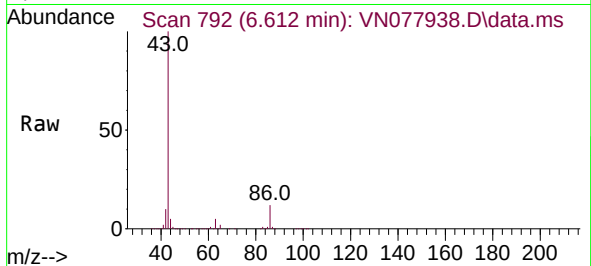
Tgt Ion: 45 Resp: 610833
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 34.3 31.8 47.8
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 273.533 ug/l m
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077938.D
 Acq: 26 May 2023 19:29

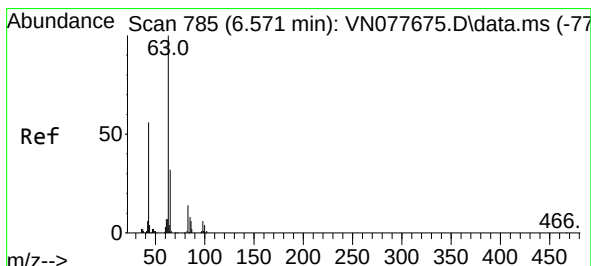
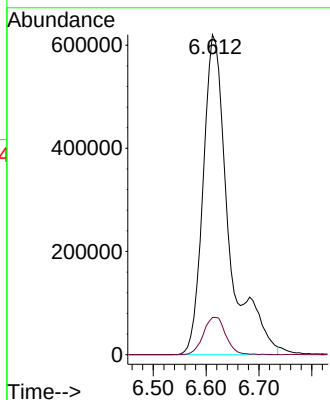
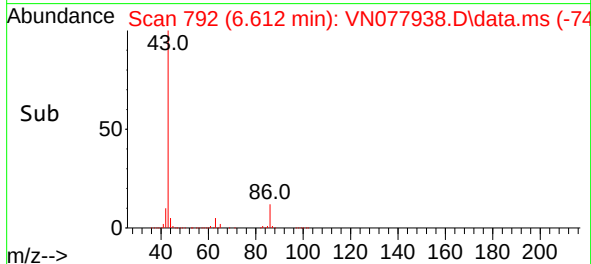
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2087450
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

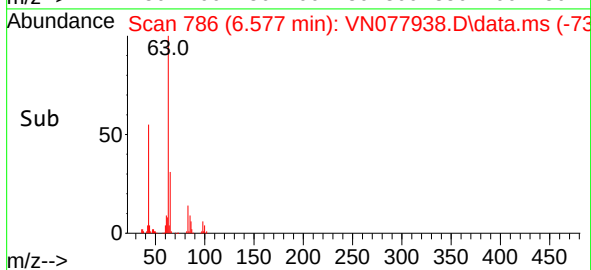
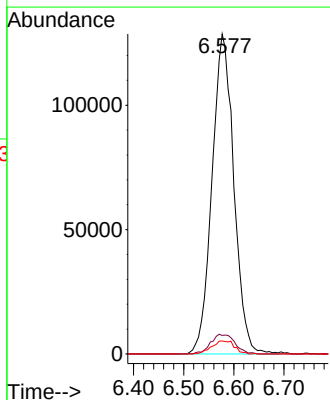
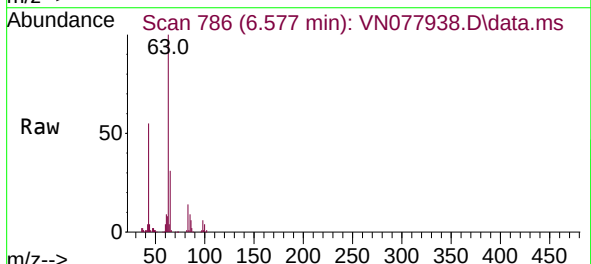
Manual Integrations
 APPROVED

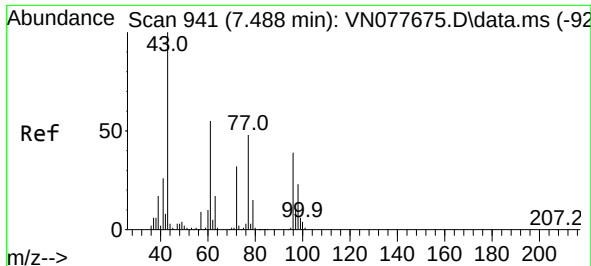
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 51.528 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077938.D
 Acq: 26 May 2023 19:29

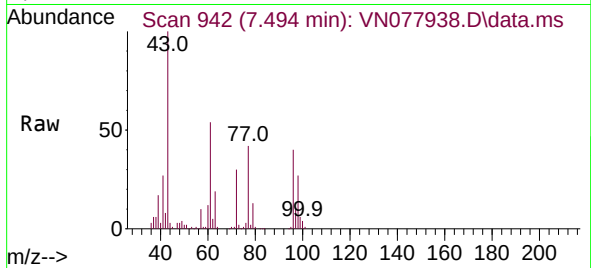
Tgt Ion: 63 Resp: 388831
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 233.638 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

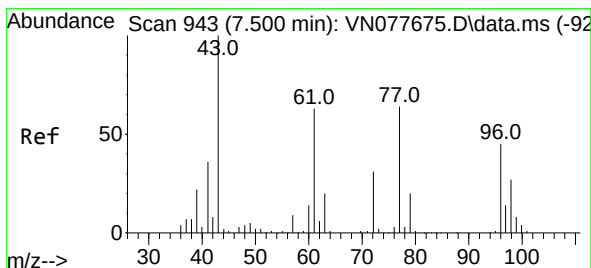
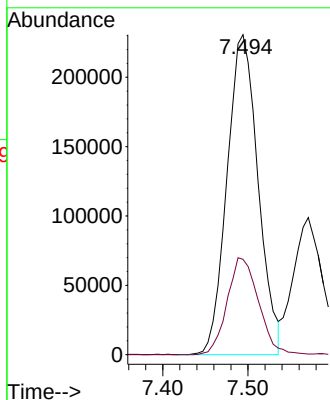
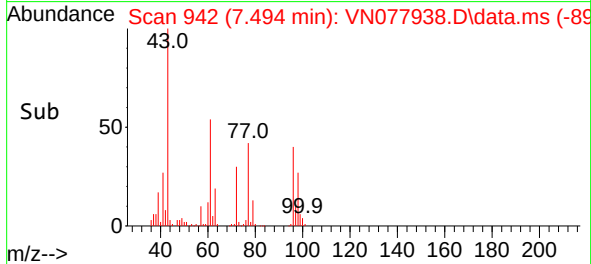
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 585130
Ion Ratio Lower Upper
43 100
72 29.8 30.2 45.2

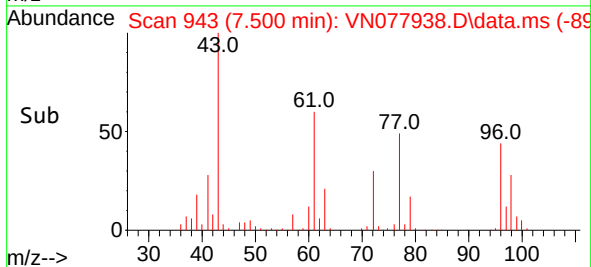
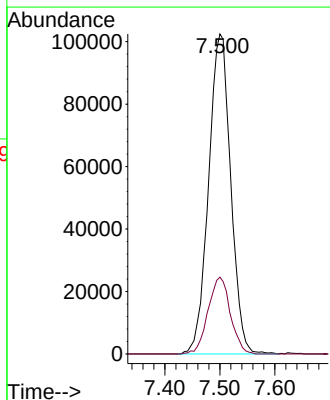
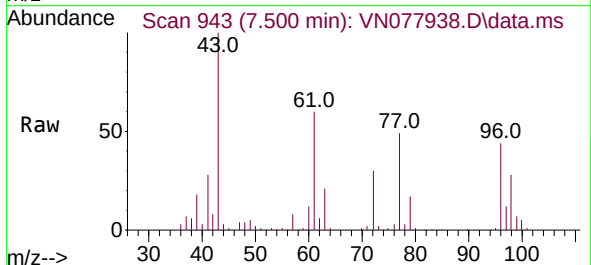
Manual Integrations
APPROVED

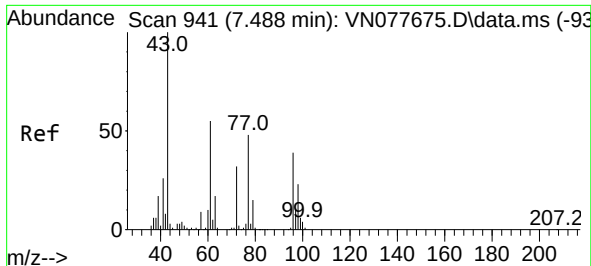
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 44.686 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

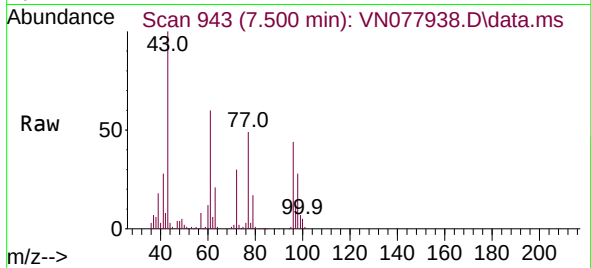
Tgt Ion: 77 Resp: 286476
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 51.886 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

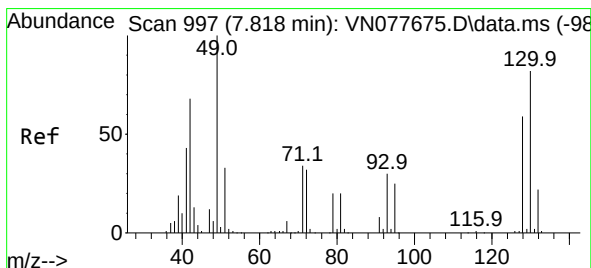
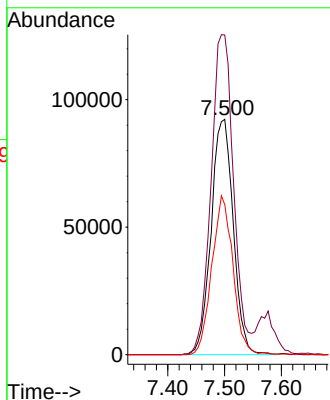
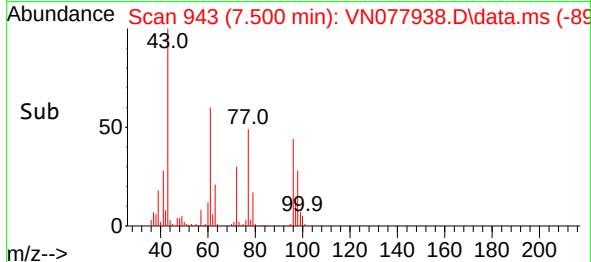
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 24998
Ion Ratio Lower Upper
96 100
61 138.5 0.0 255.2
98 64.3 0.0 128.8

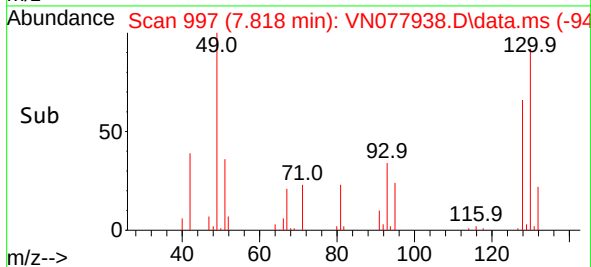
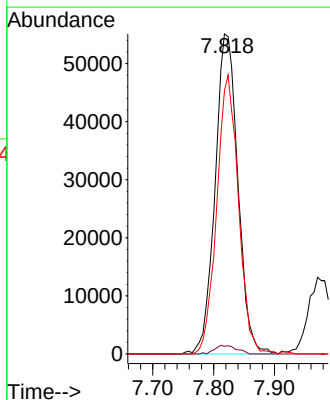
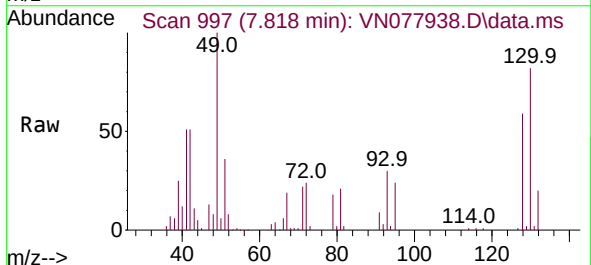
Manual Integrations
APPROVED

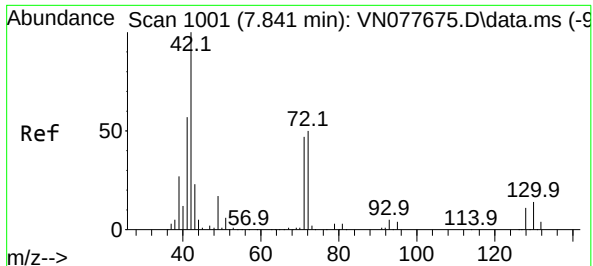
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#28
Bromochloromethane
Concen: 43.915 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 49 Resp: 143318
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.8
130 82.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 233.971 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 38368

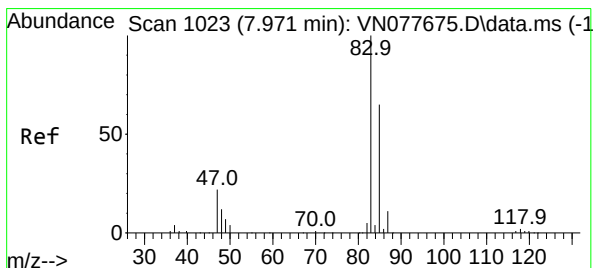
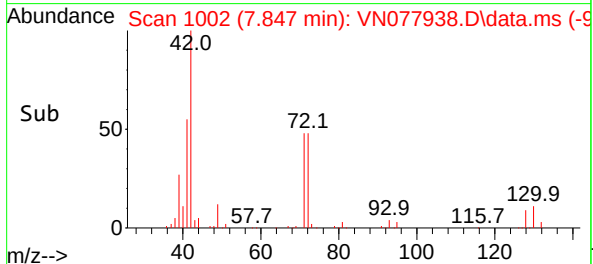
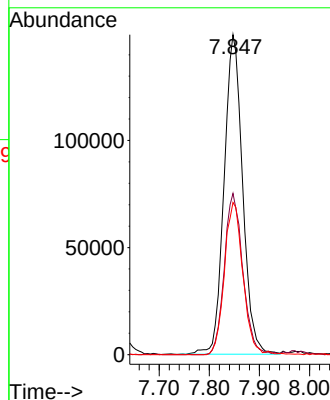
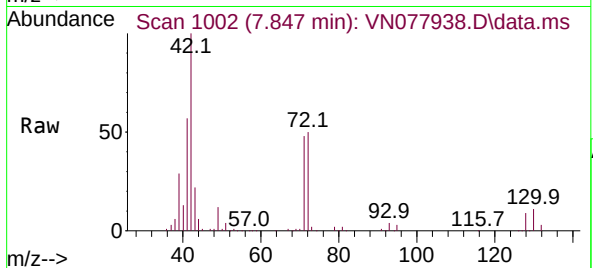
Ion	Ratio	Lower	Upper
42	100		
72	50.4	49.8	74.6
71	47.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 51.375 ug/l

RT: 7.977 min Scan# 1024

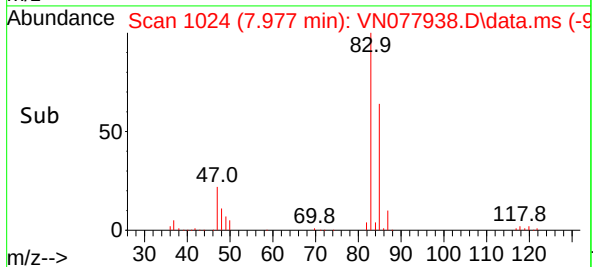
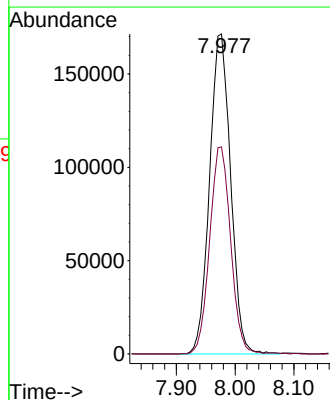
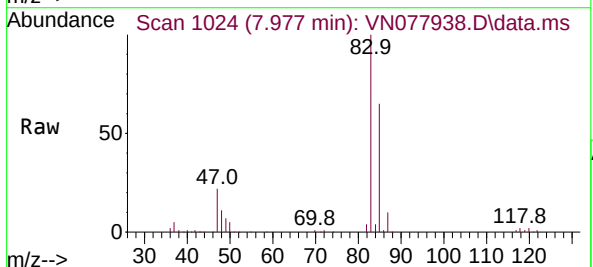
Delta R.T. 0.006 min

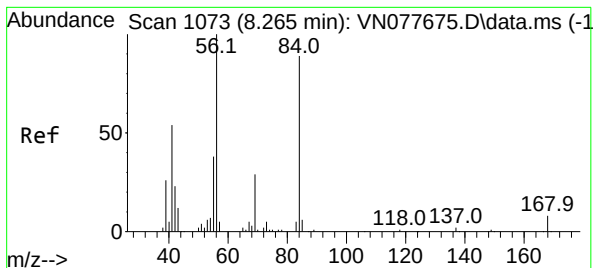
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion: 83 Resp: 426457

Ion	Ratio	Lower	Upper
83	100		
85	64.7	55.4	83.0





#31

Cyclohexane

Concen: 46.271 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 32002

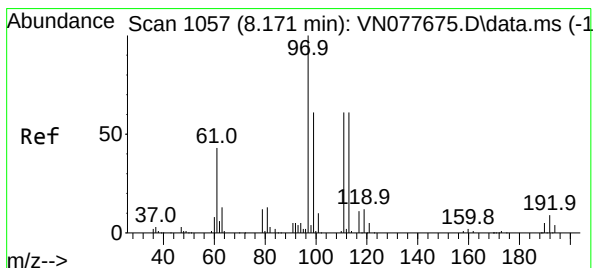
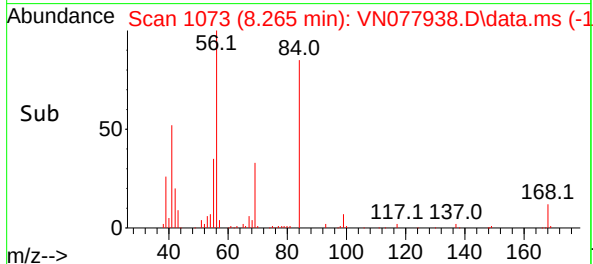
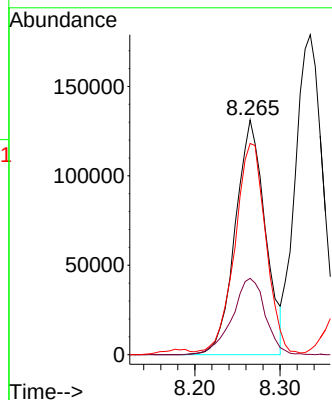
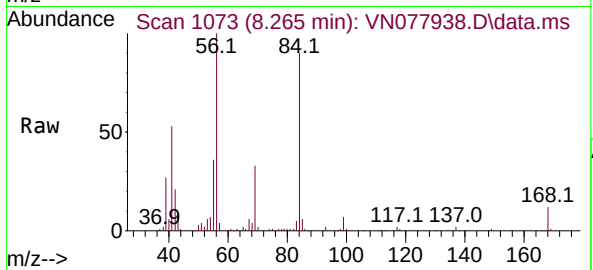
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.8	40.2
84	87.9	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#32

1,1,1-Trichloroethane

Concen: 53.085 ug/l

RT: 8.177 min Scan# 1058

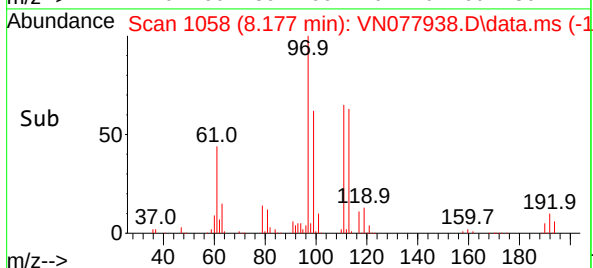
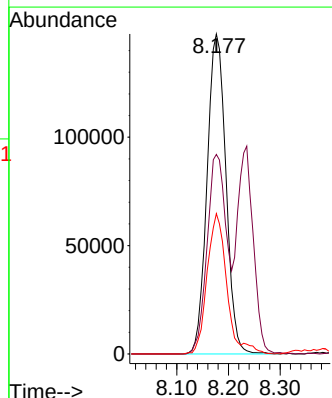
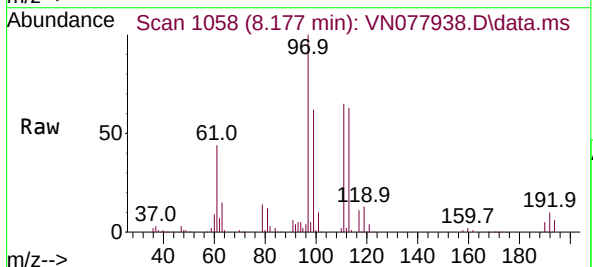
Delta R.T. 0.006 min

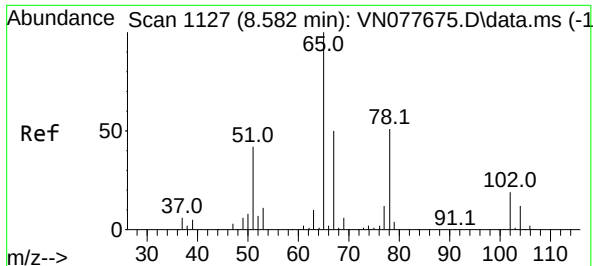
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion: 97 Resp: 374645

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.3	75.5
61	45.7	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 48.701 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 247820

Ion Ratio Lower Upper

65 100

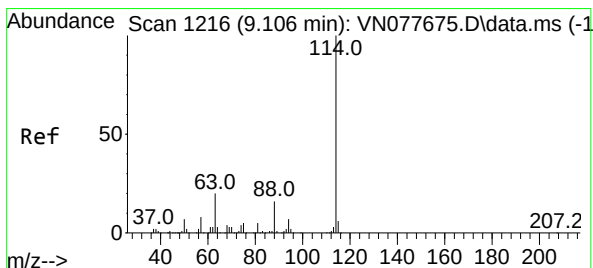
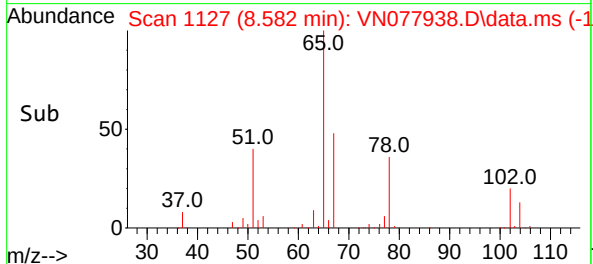
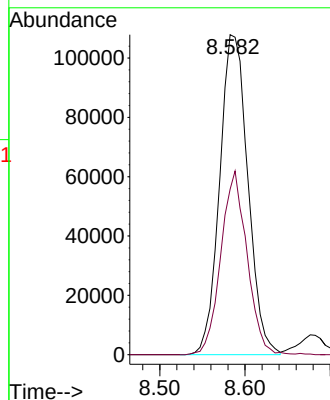
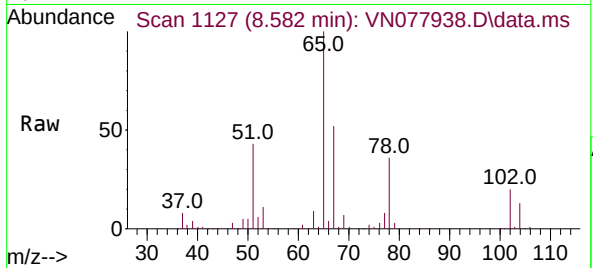
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

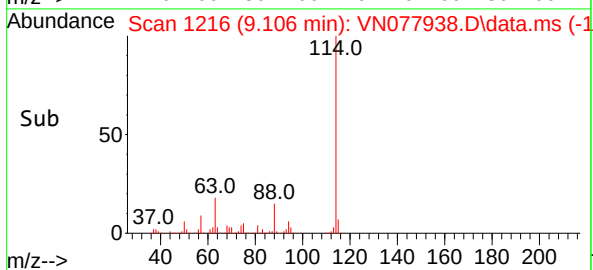
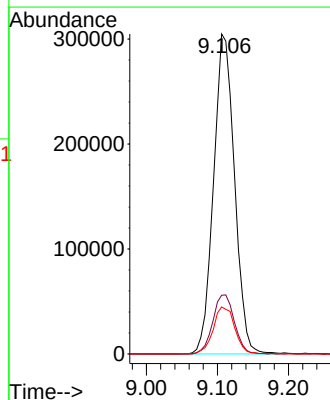
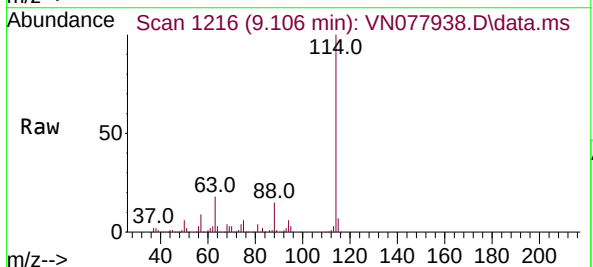
Tgt Ion:114 Resp: 623185

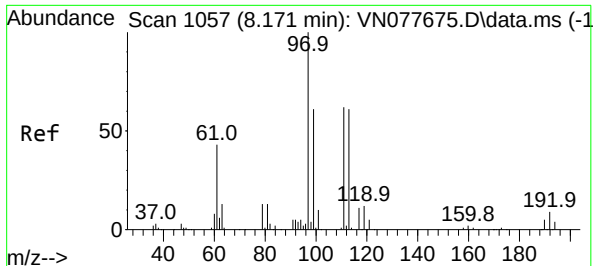
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.789 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 21452

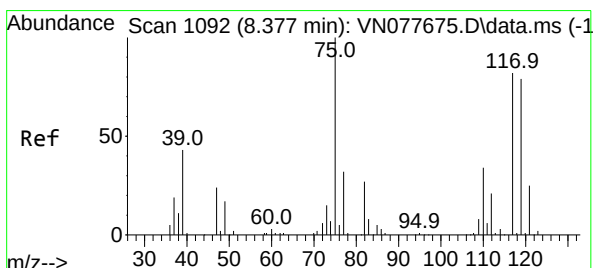
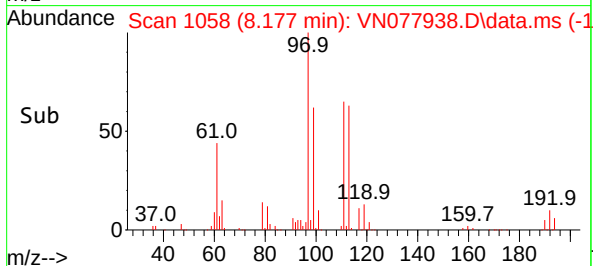
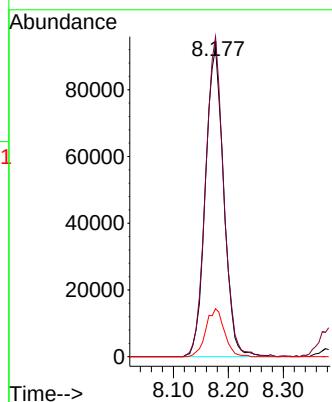
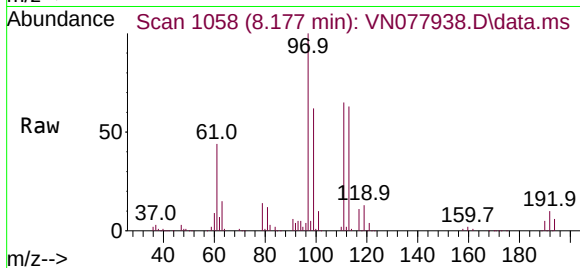
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	15.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 51.664 ug/l

RT: 8.382 min Scan# 1093

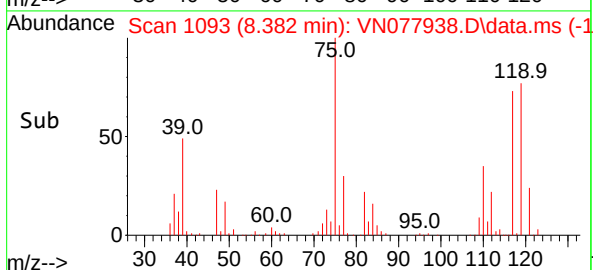
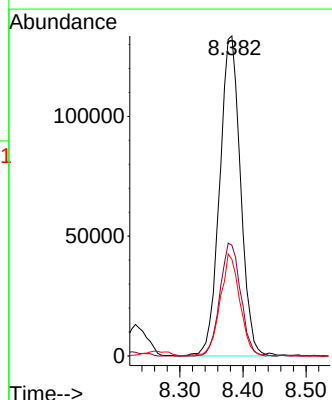
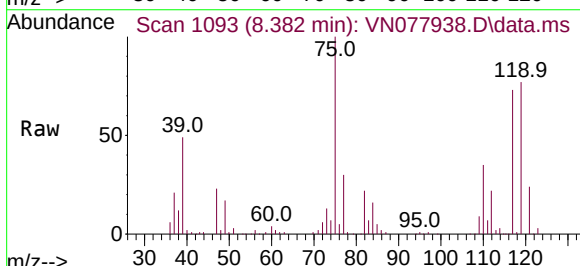
Delta R.T. 0.005 min

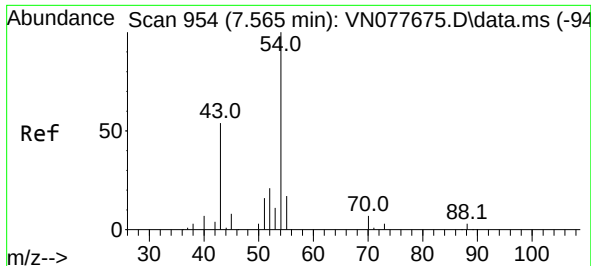
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion: 75 Resp: 307083

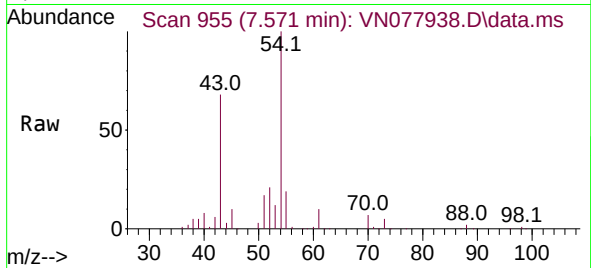
Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	30.0	25.0	37.4





#37
Ethyl Acetate
Concen: 46.311 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

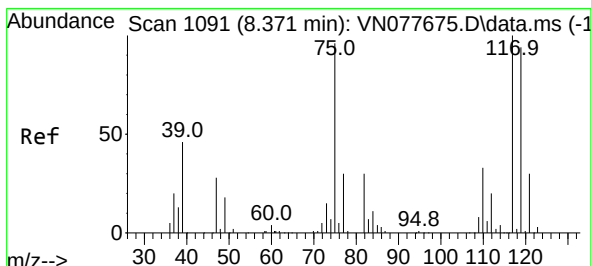
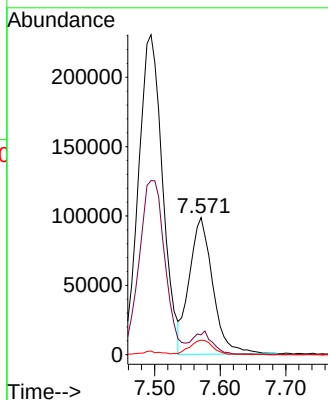
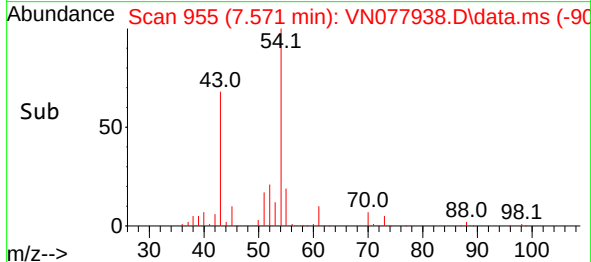
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24534
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.7 11.3 16.9

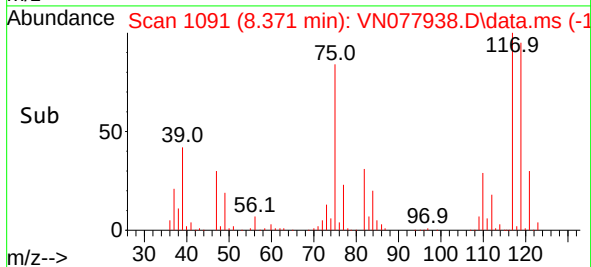
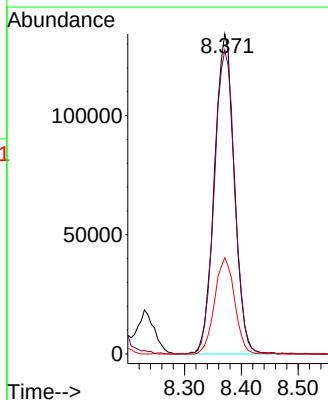
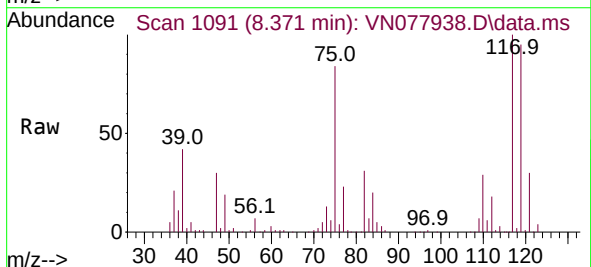
Manual Integrations
APPROVED

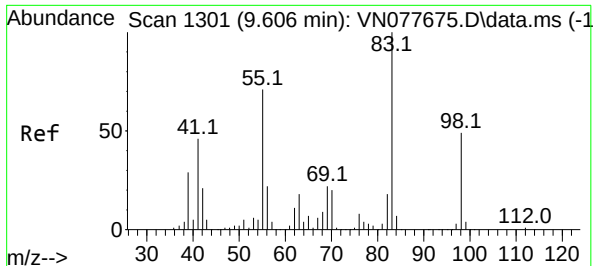
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#38
Carbon Tetrachloride
Concen: 54.485 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion:117 Resp: 327021
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 46.828 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 340758

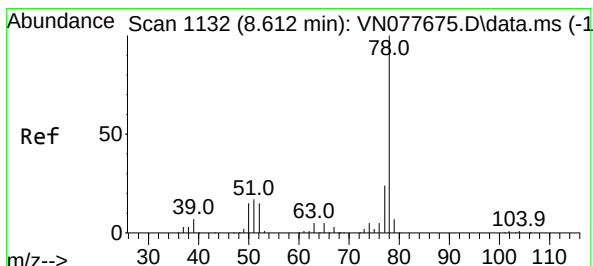
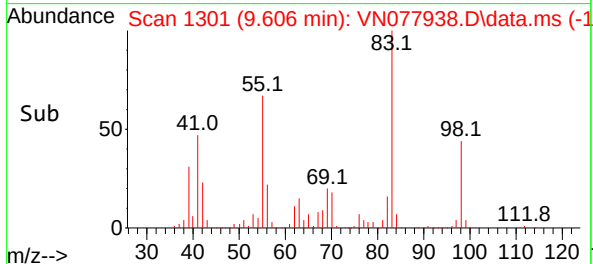
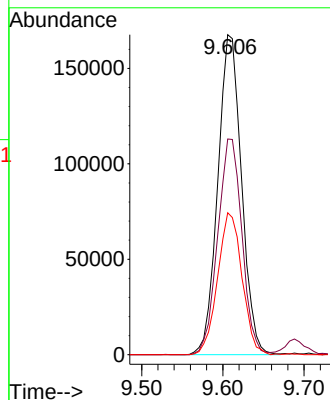
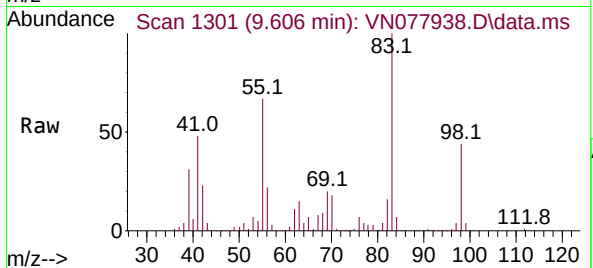
Ion	Ratio	Lower	Upper
83	100		
55	67.4	49.1	73.7
98	44.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 52.583 ug/l

RT: 8.618 min Scan# 1133

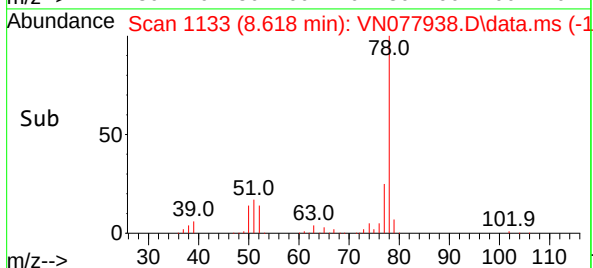
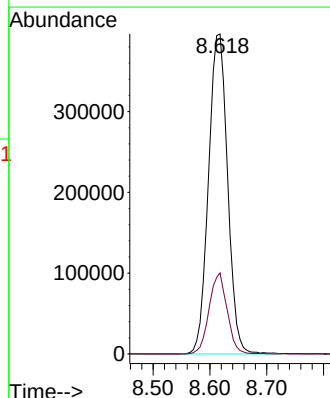
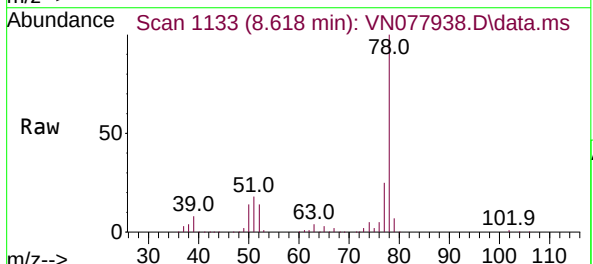
Delta R.T. 0.006 min

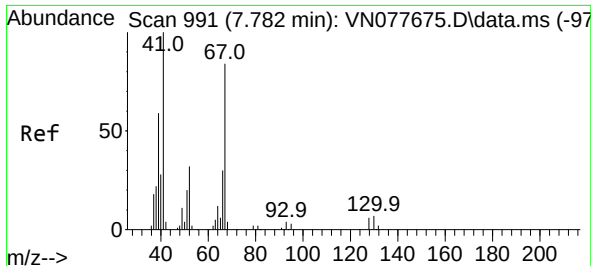
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion: 78 Resp: 922301

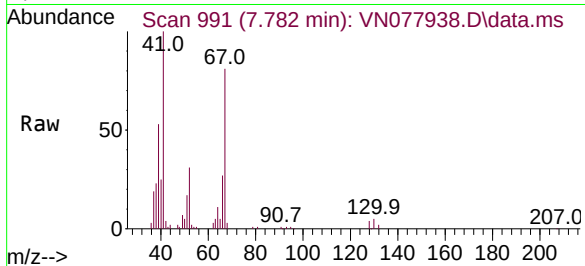
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.6





#41
Methacrylonitrile
Concen: 45.053 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

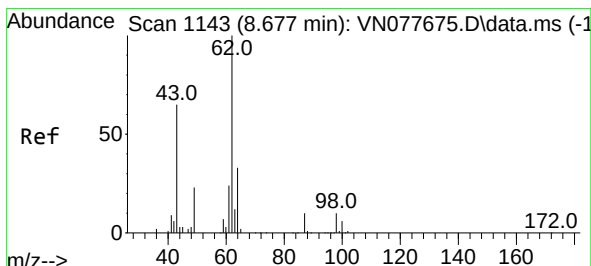
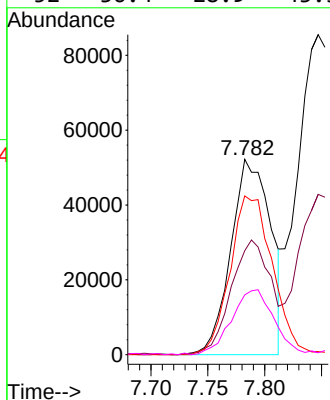
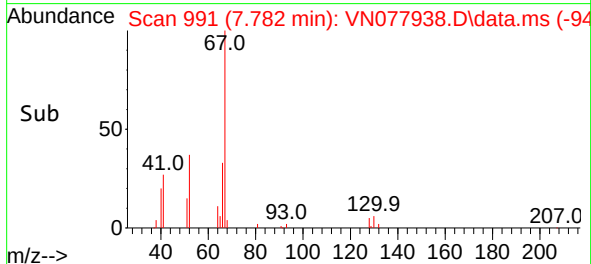
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



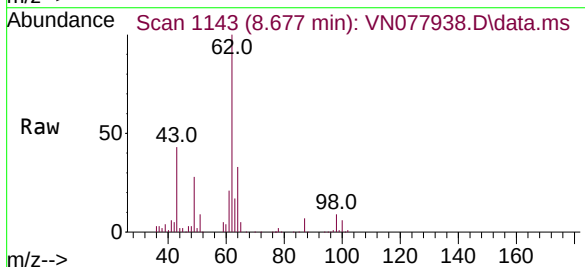
Tgt Ion: 41 Resp: 127110
Ion Ratio Lower Upper
41 100
39 57.9 42.6 64.0
67 86.9 77.5 116.3
52 36.4 28.9 43.3

Manual Integrations
APPROVED

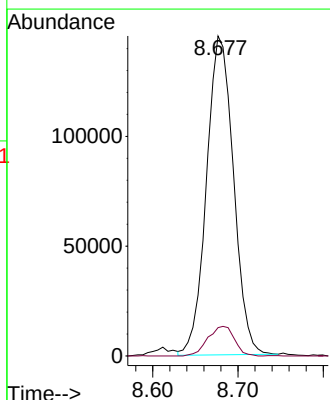
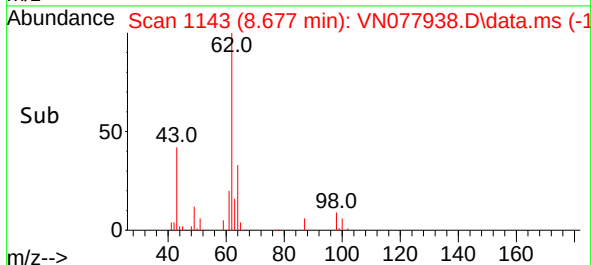
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

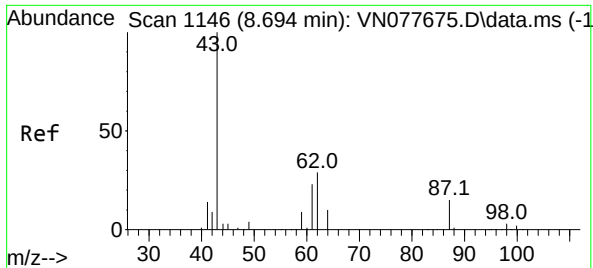


#42
1,2-Dichloroethane
Concen: 50.218 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



Tgt Ion: 62 Resp: 319963
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.459 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 419330

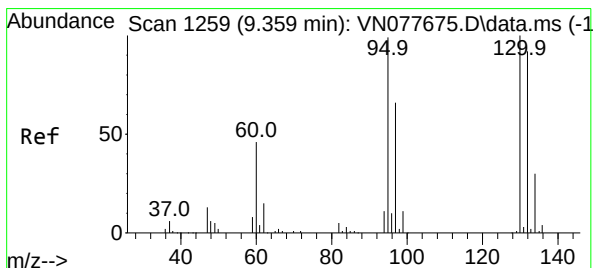
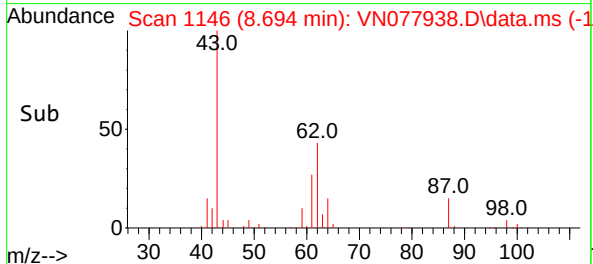
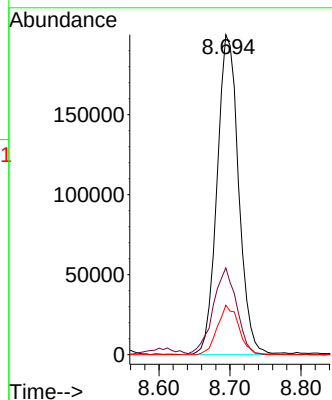
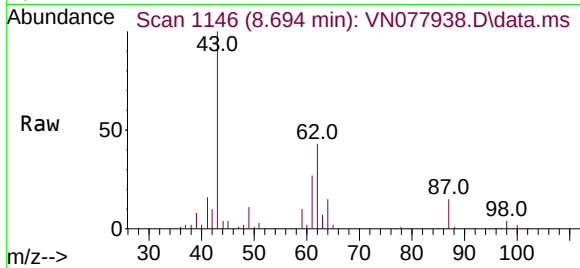
Ion	Ratio	Lower	Upper
43	100		
61	29.9	24.7	37.1
87	15.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 53.550 ug/l

RT: 9.359 min Scan# 1259

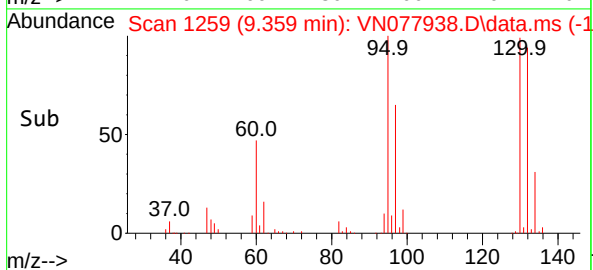
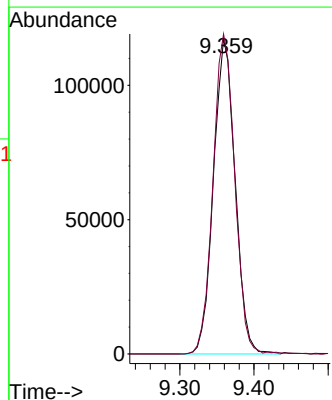
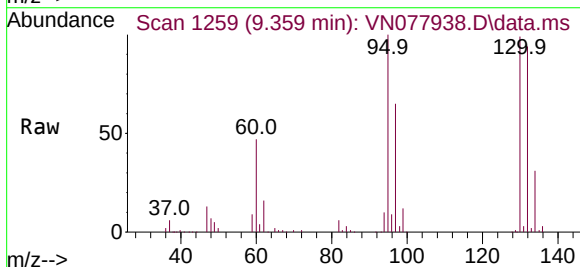
Delta R.T. -0.000 min

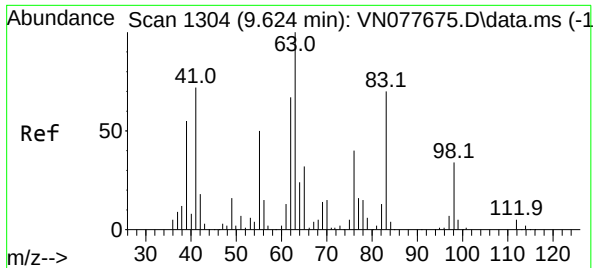
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion:130 Resp: 237829

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 52.458 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 23469

Ion Ratio Lower Upper

63 100

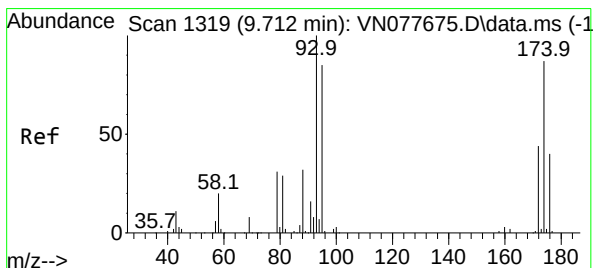
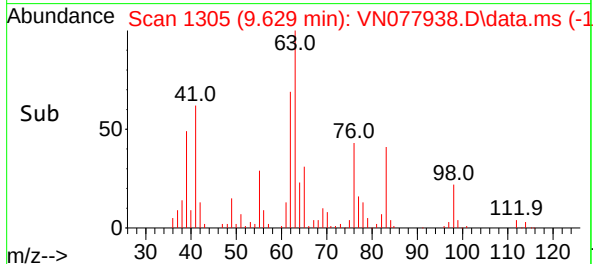
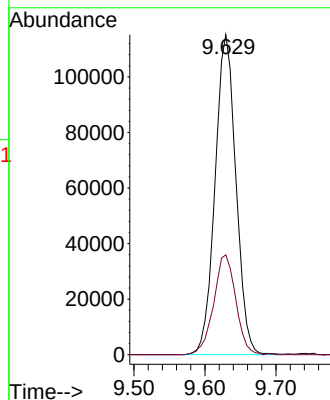
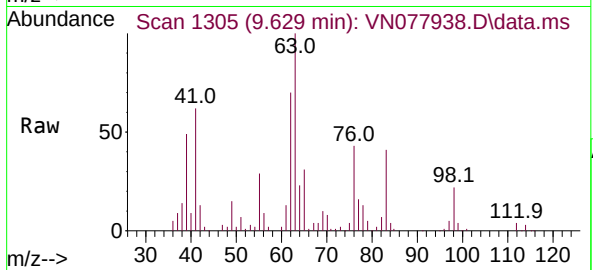
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 51.326 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

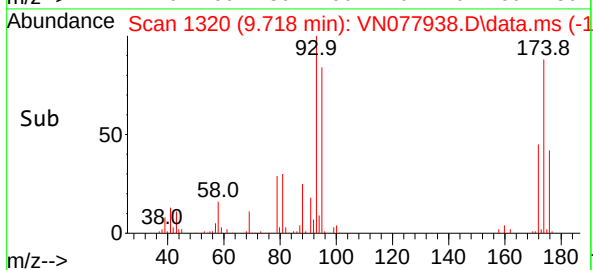
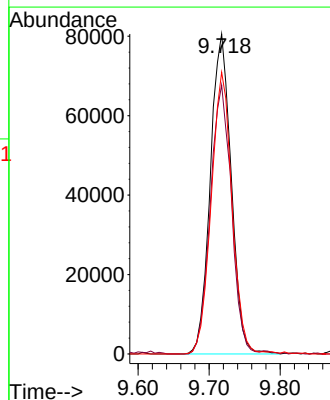
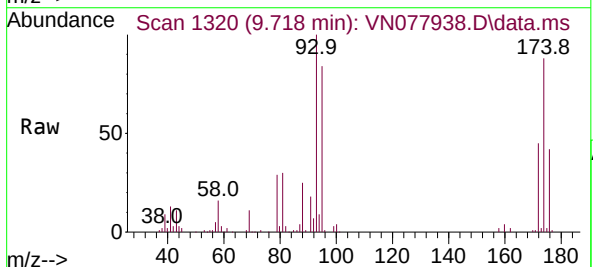
Tgt Ion: 93 Resp: 164316

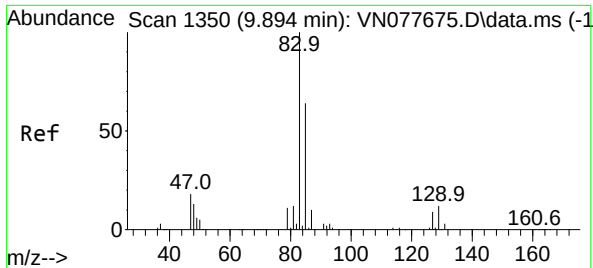
Ion Ratio Lower Upper

93 100

95 84.7 63.8 95.8

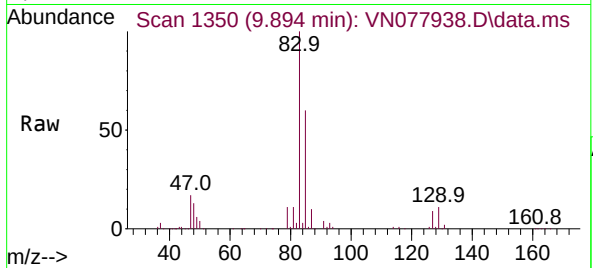
174 88.0 65.6 98.4





#47
Bromodichloromethane
Concen: 53.331 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

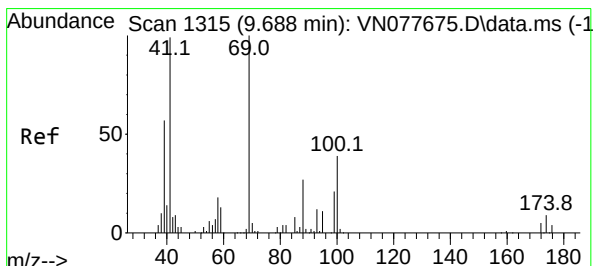
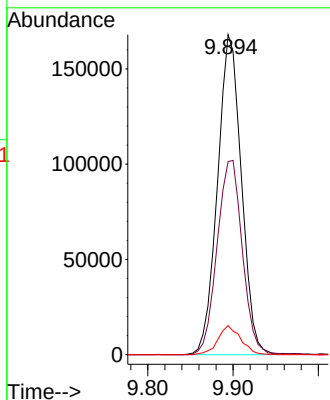
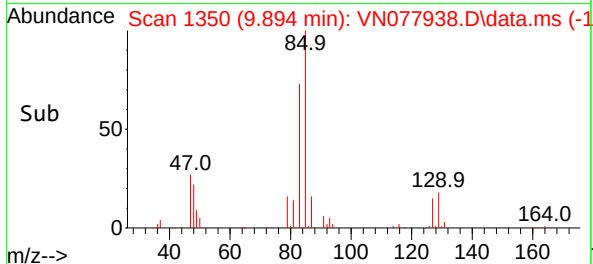
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



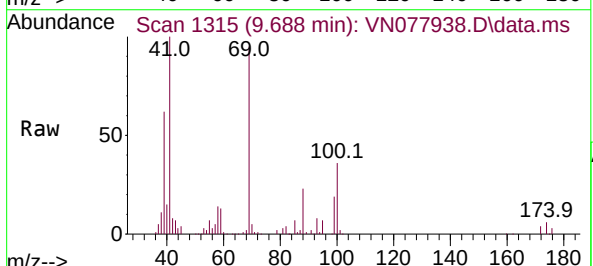
Tgt Ion: 83 Resp: 326872
Ion Ratio Lower Upper
83 100
85 60.4 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

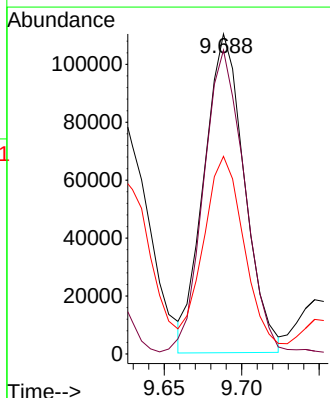
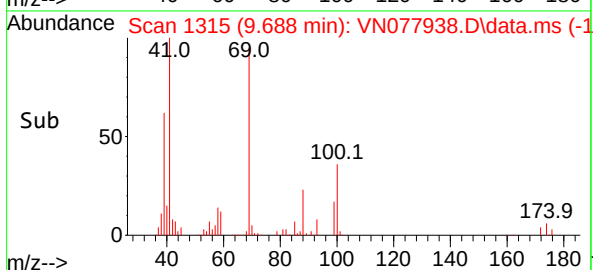
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

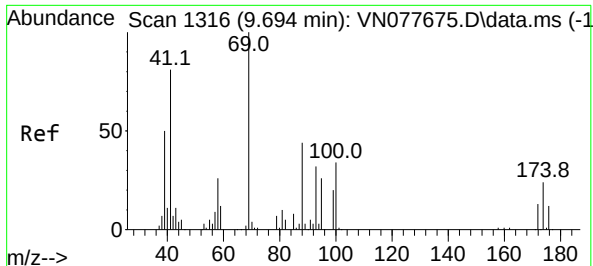


#48
Methyl methacrylate
Concen: 48.607 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



Tgt Ion: 41 Resp: 199423
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1086.030 ug/l

RT: 9.706 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

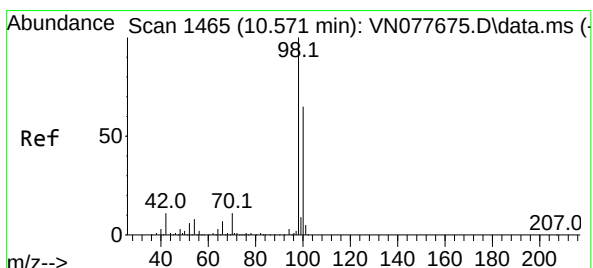
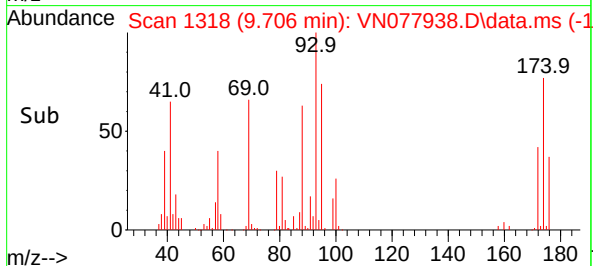
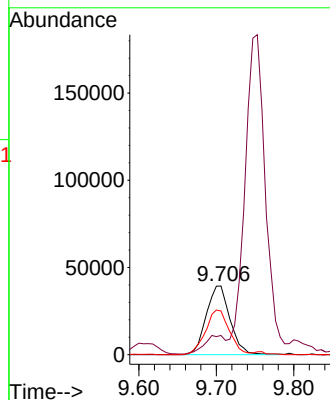
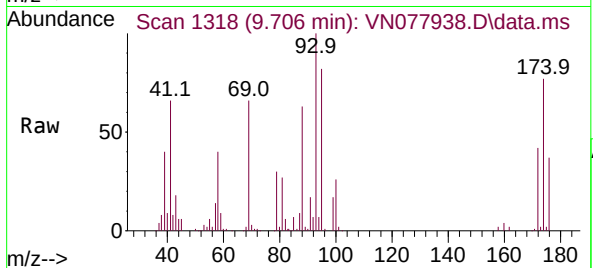
Tgt Ion: 88 Resp: 84150
 Ion Ratio Lower Upper
 88 100
 43 23.4 17.0 25.6
 58 65.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 50.632 ug/l

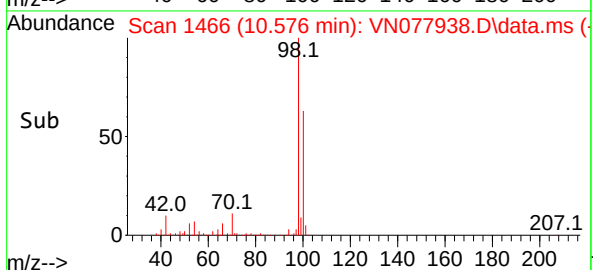
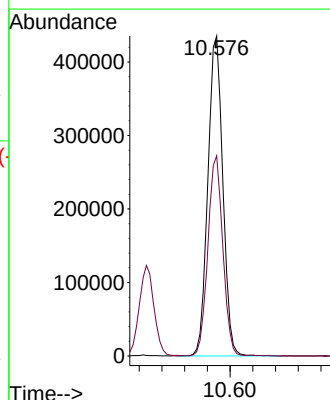
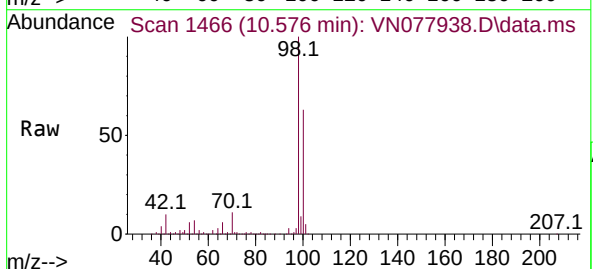
RT: 10.576 min Scan# 1466

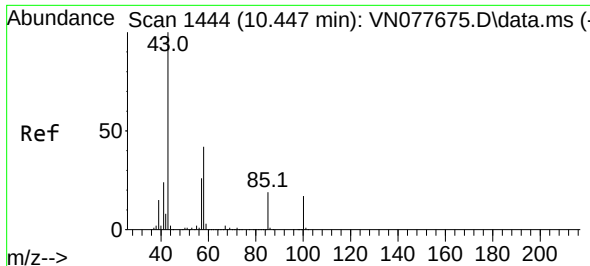
Delta R.T. 0.005 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

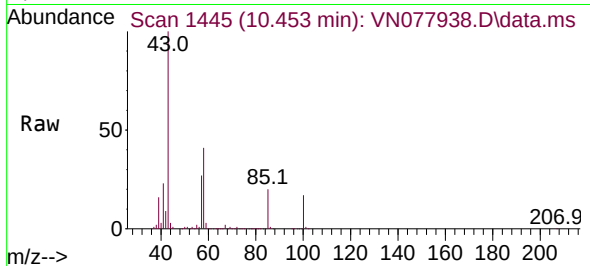
Tgt Ion: 98 Resp: 791956
 Ion Ratio Lower Upper
 98 100
 100 62.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 250.904 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

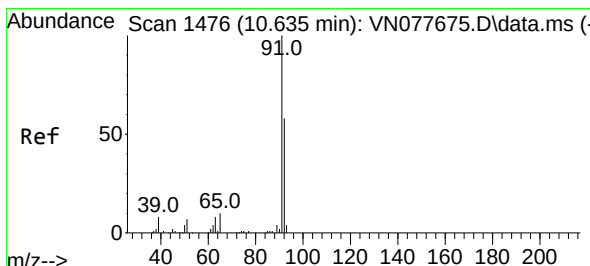
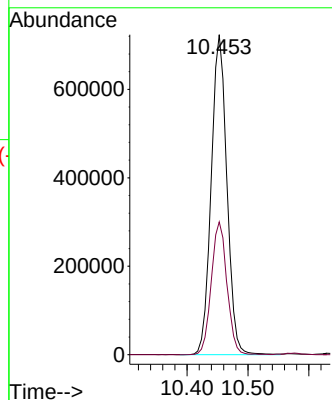
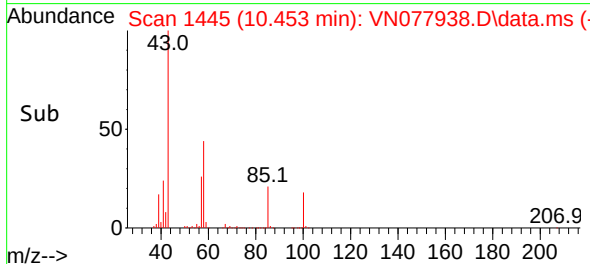
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 129056
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

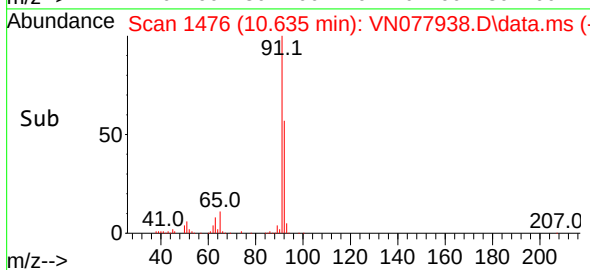
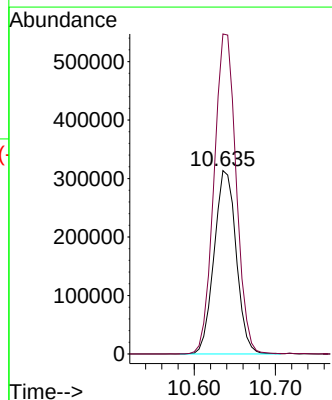
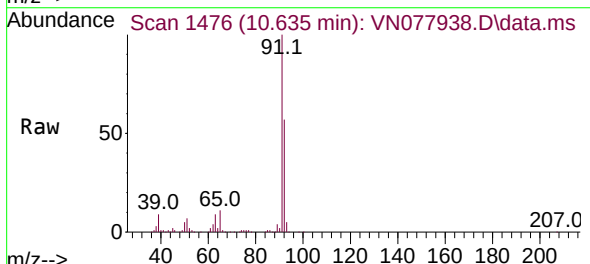
Manual Integrations
APPROVED

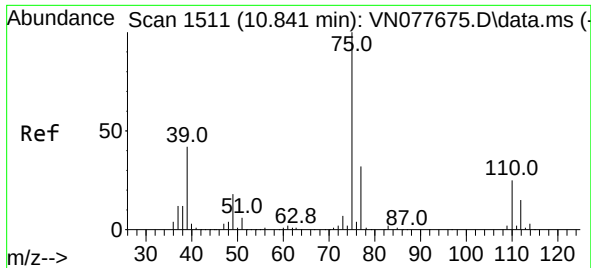
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 54.340 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 92 Resp: 593371
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0





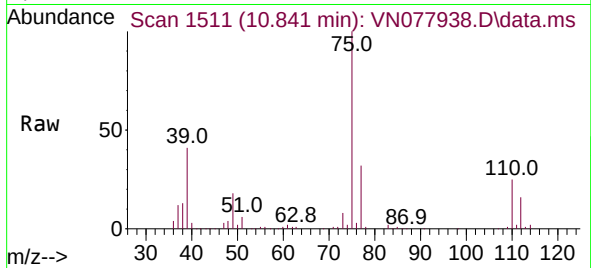
#53
t-1,3-Dichloropropene
Concen: 51.990 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



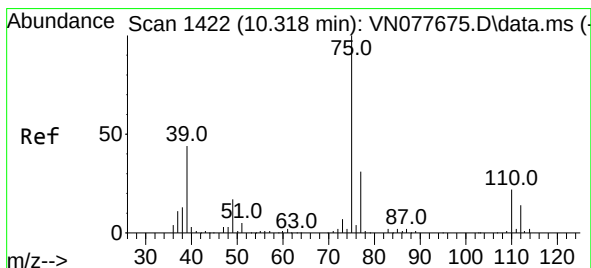
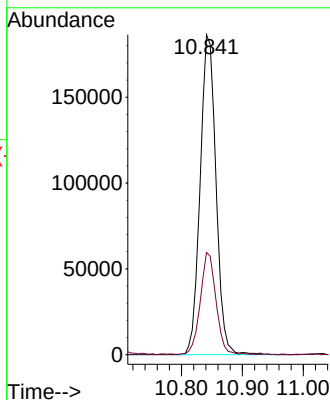
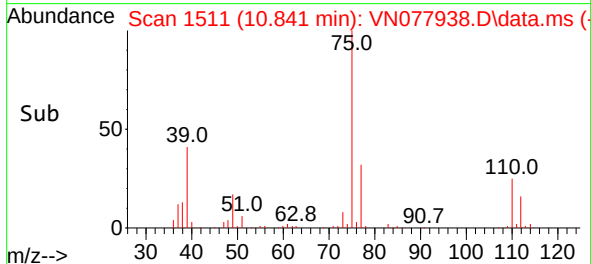
Tgt Ion: 75 Resp: 337440
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

Manual Integrations

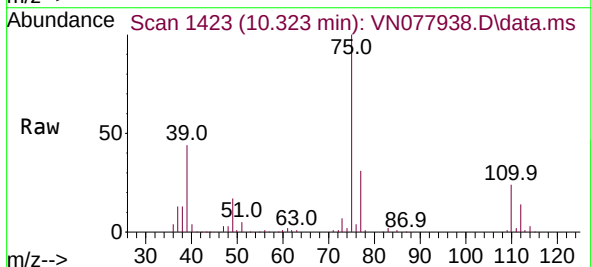
APPROVED

Reviewed By :John Carlone 05/30/2023

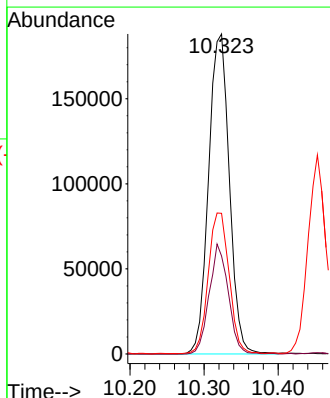
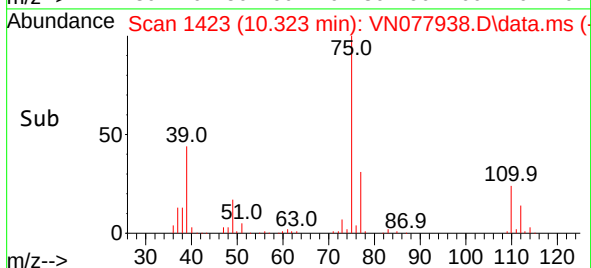
Supervised By :Mahesh Dadoda 05/30/2023

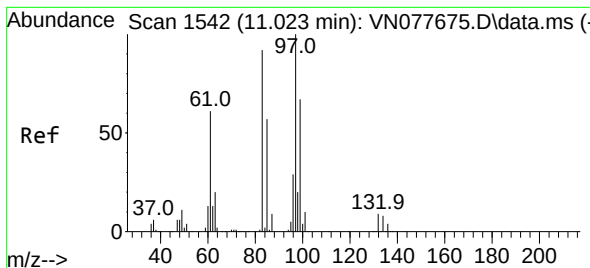


#54
cis-1,3-Dichloropropene
Concen: 51.181 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



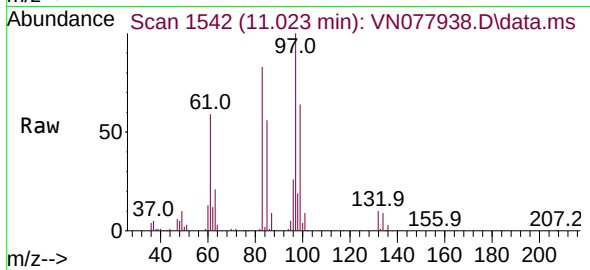
Tgt Ion: 75 Resp: 366082
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.352 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

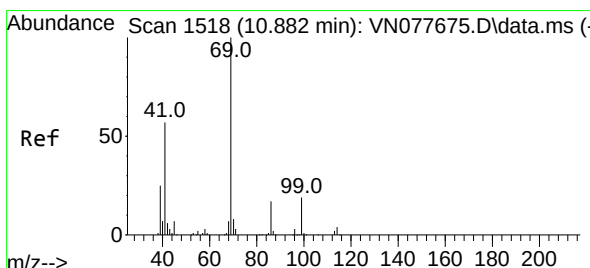
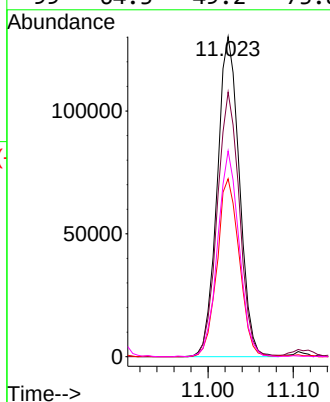
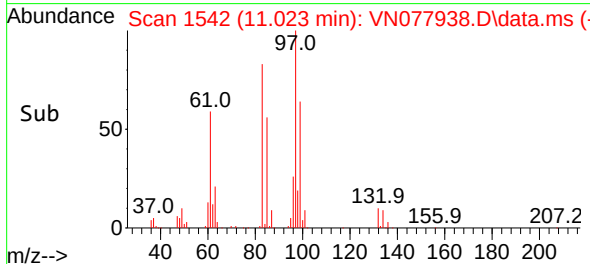
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	235654
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	55.6	43.4	65.2
99	64.3	49.2	73.8

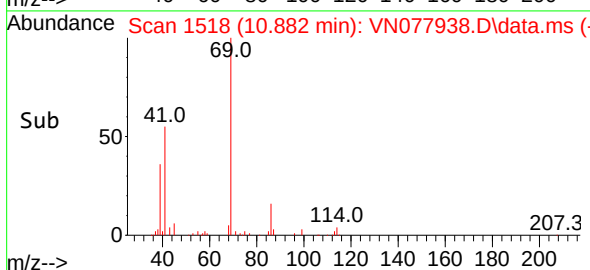
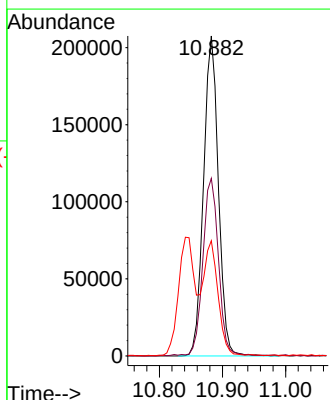
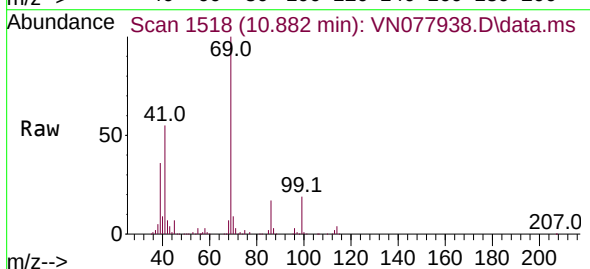
Manual Integrations
APPROVED

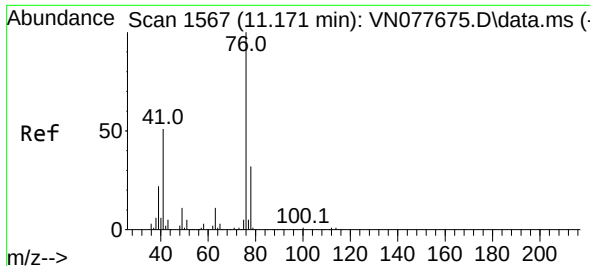
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#56
Ethyl methacrylate
Concen: 51.747 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion:	69	Resp:	339230
Ion	Ratio	Lower	Upper
69	100		
41	57.8	39.6	59.4
39	33.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.577 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 390790

Ion Ratio Lower Upper

76 100

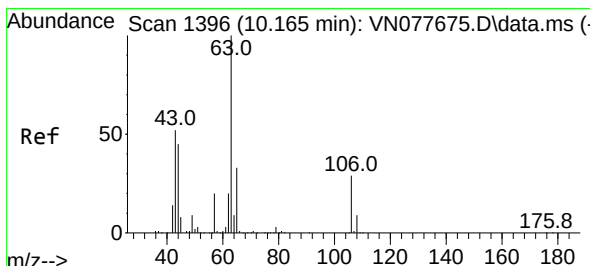
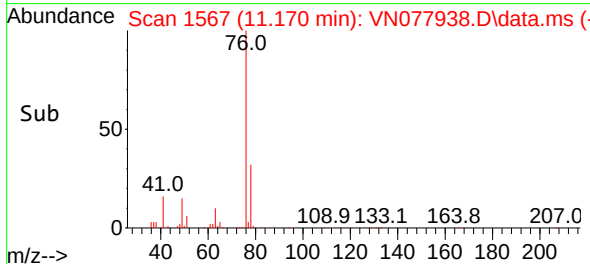
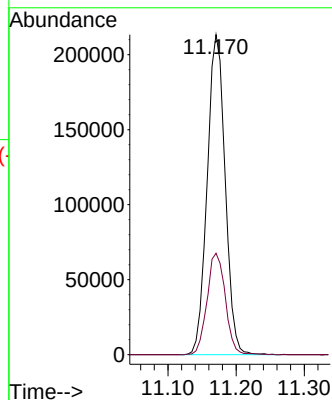
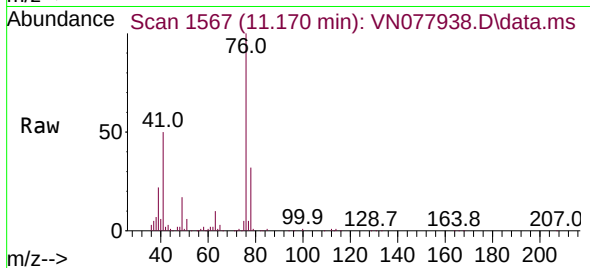
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 207.656 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077938.D

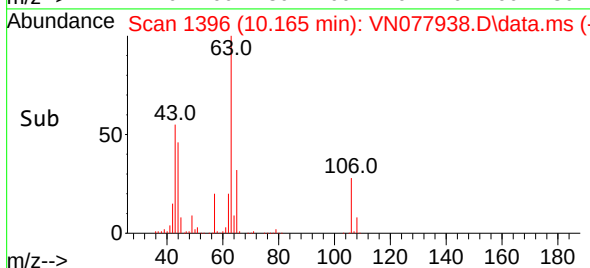
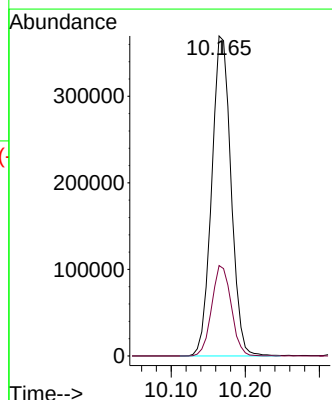
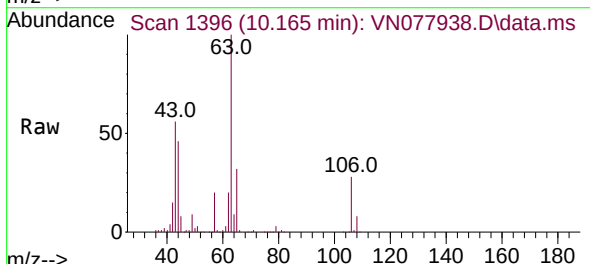
Acq: 26 May 2023 19:29

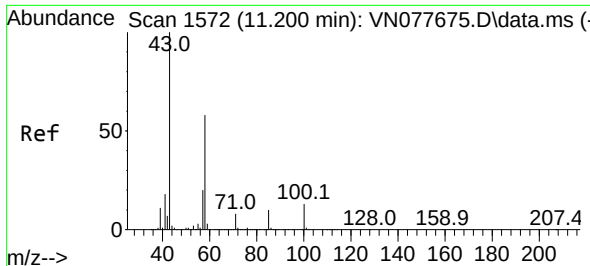
Tgt Ion: 63 Resp: 669711

Ion Ratio Lower Upper

63 100

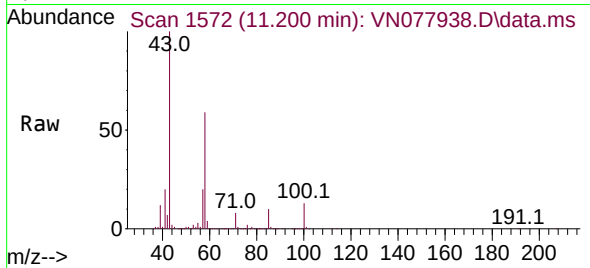
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 237.880 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

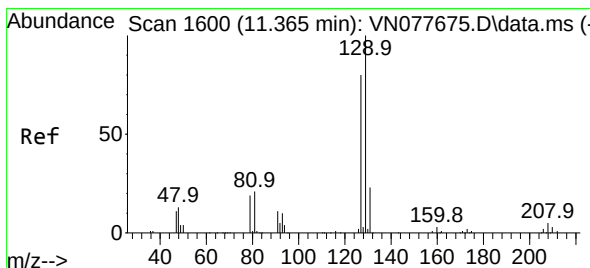
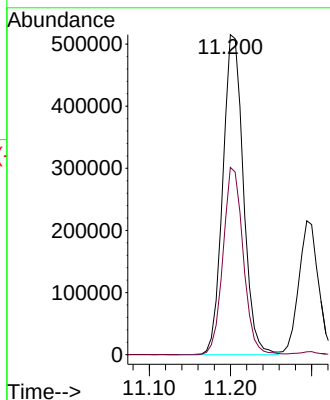
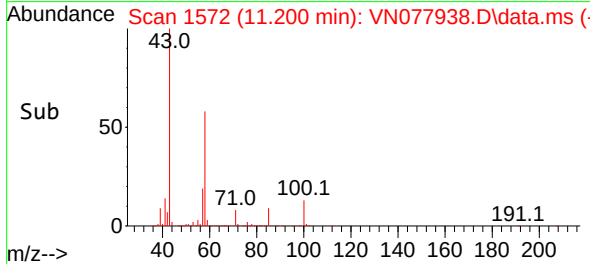
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 905030
Ion Ratio Lower Upper
43 100
58 57.6 31.7 95.1

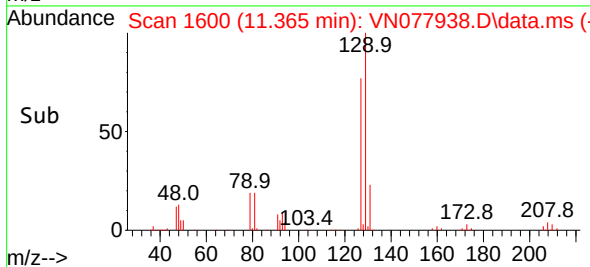
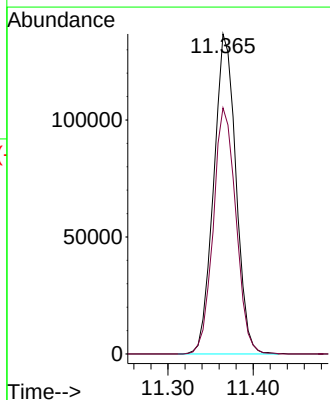
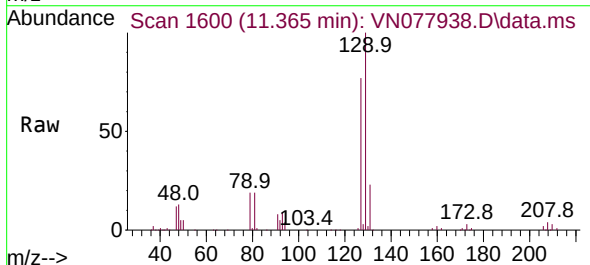
Manual Integrations
APPROVED

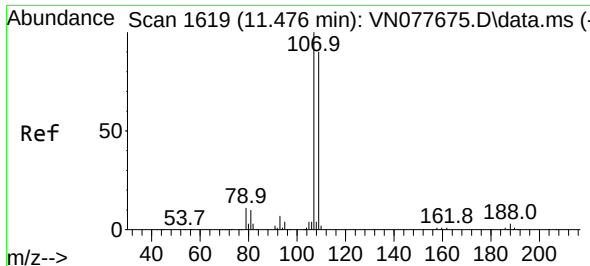
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 55.490 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

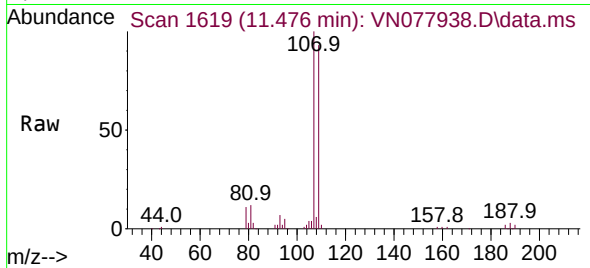
Tgt Ion:129 Resp: 248372
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.060 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

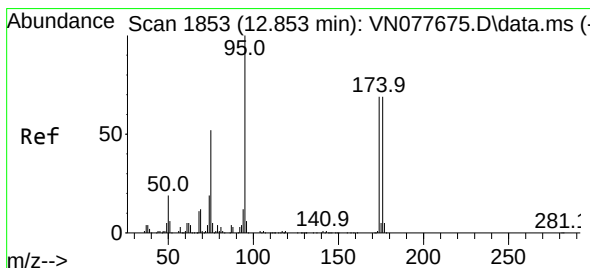
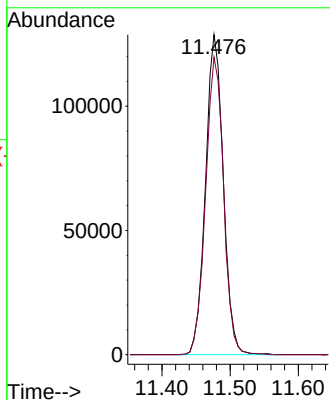
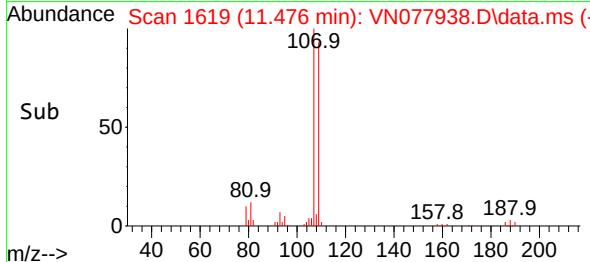
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 233832
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

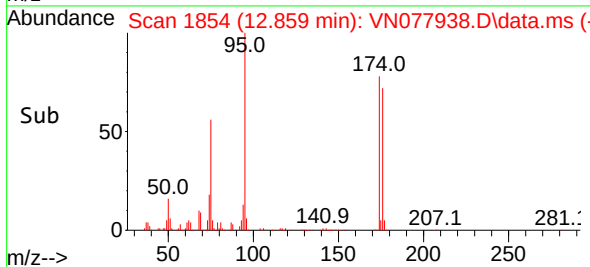
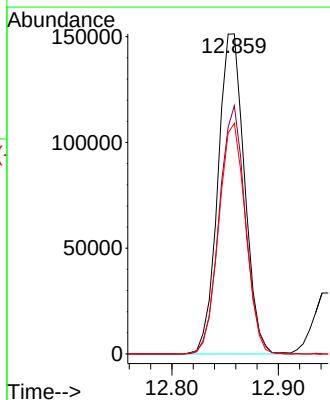
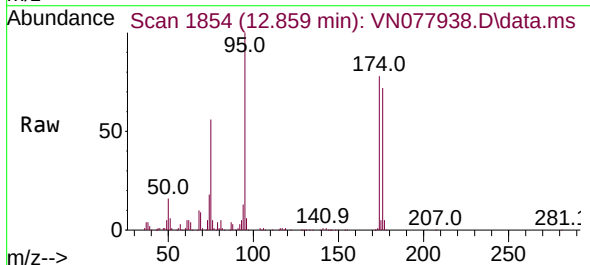
Manual Integrations
APPROVED

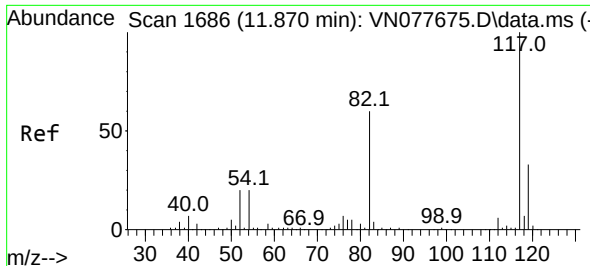
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 47.401 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

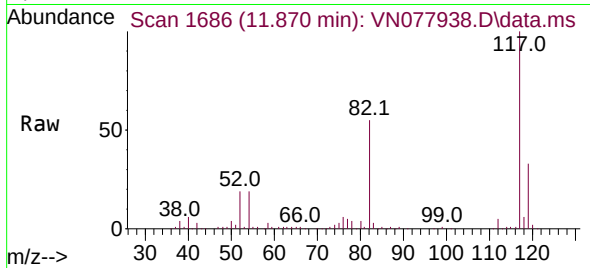
Tgt Ion: 95 Resp: 261857
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 73.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

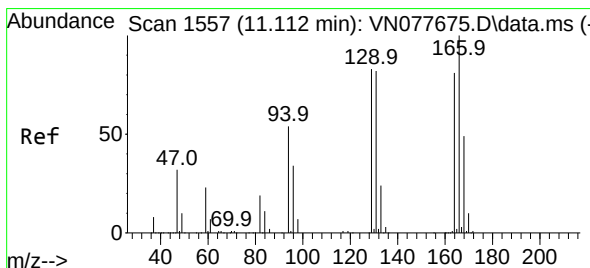
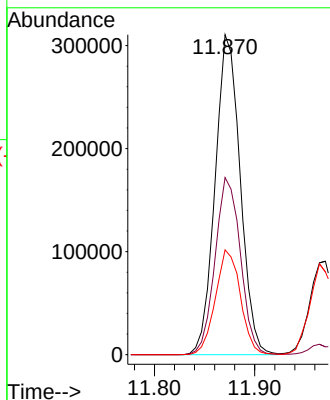
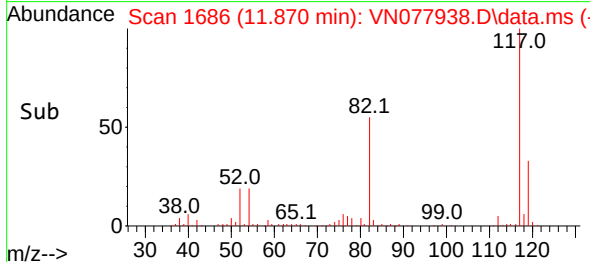
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



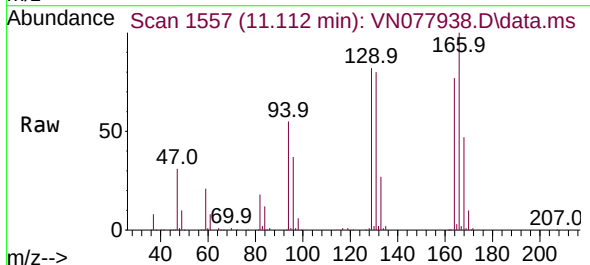
Tgt Ion:117 Resp: 540510
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.7 25.6 38.4

Manual Integrations
APPROVED

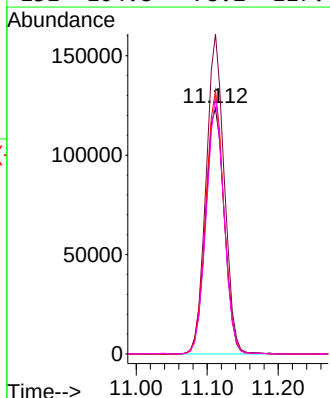
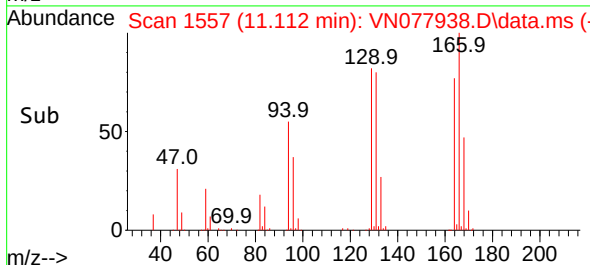
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

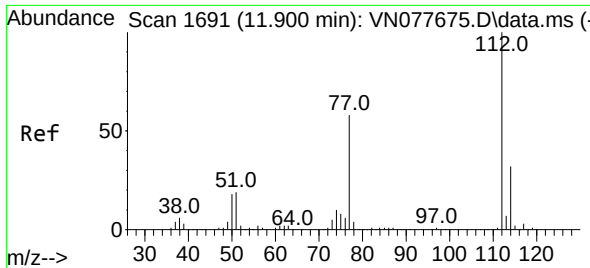


#64
Tetrachloroethene
Concen: 60.152 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



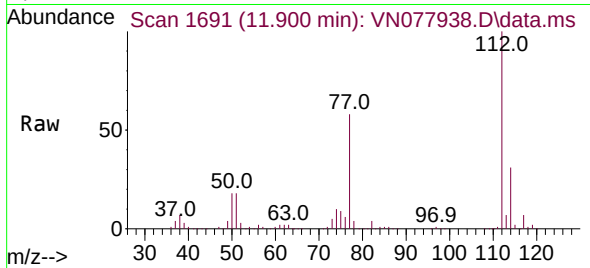
Tgt Ion:164 Resp: 227372
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 107.3 82.4 123.6
131 104.8 78.2 117.4





#65
Chlorobenzene
Concen: 53.288 ug/l
RT: 11.900 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

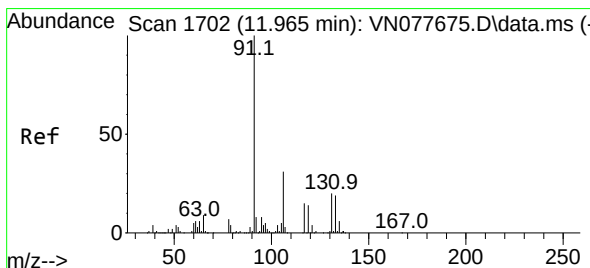
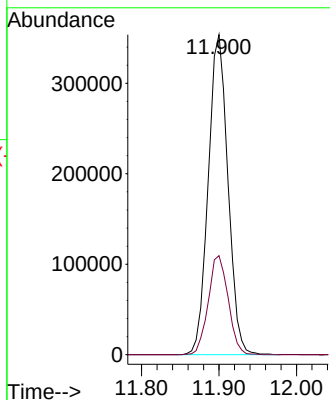
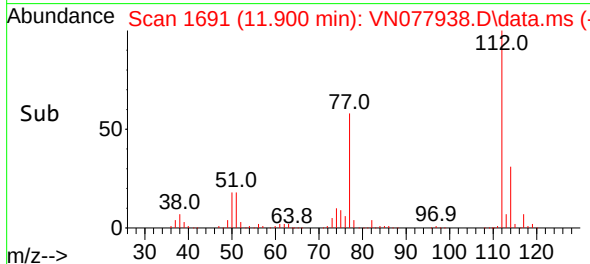
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



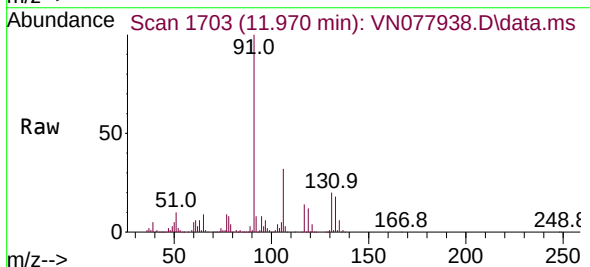
Tgt Ion:112 Resp: 62441
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

Manual Integrations
APPROVED

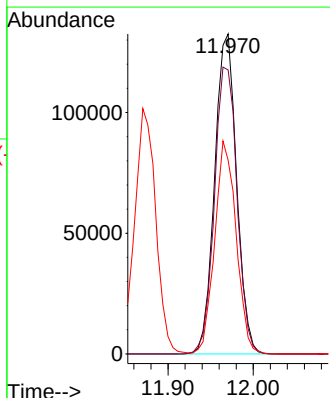
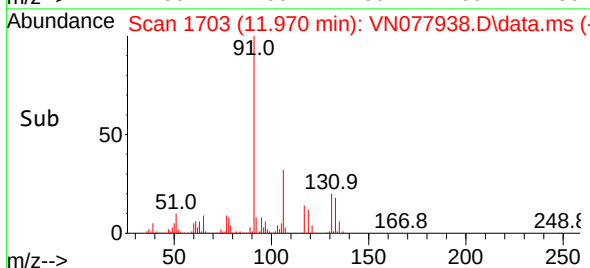
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

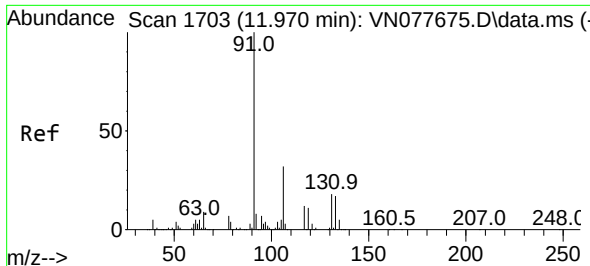


#66
1,1,1,2-Tetrachloroethane
Concen: 58.487 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



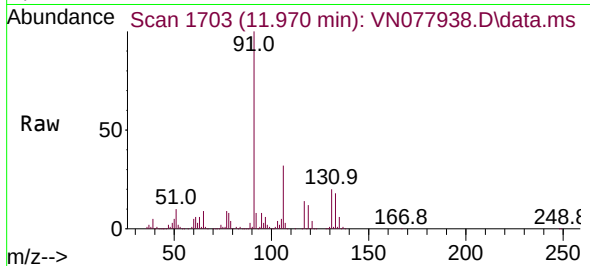
Tgt Ion:131 Resp: 237135
Ion Ratio Lower Upper
131 100
133 92.6 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 54.407 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

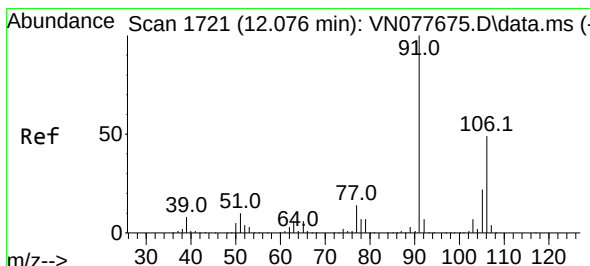
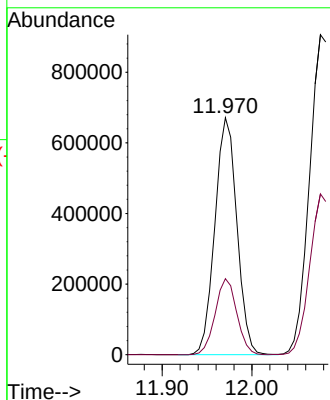
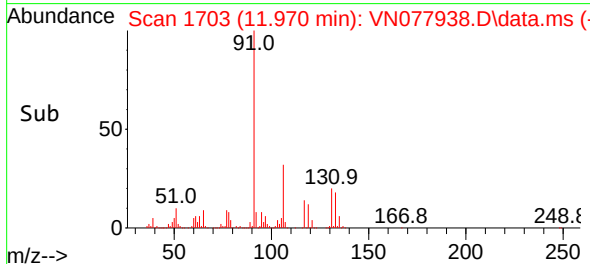
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



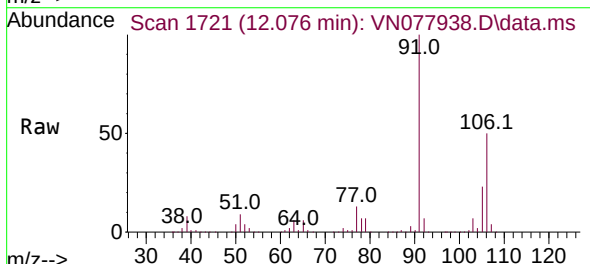
Tgt Ion: 91 Resp: 1142488
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

Manual Integrations
APPROVED

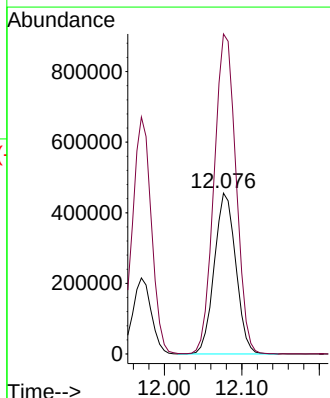
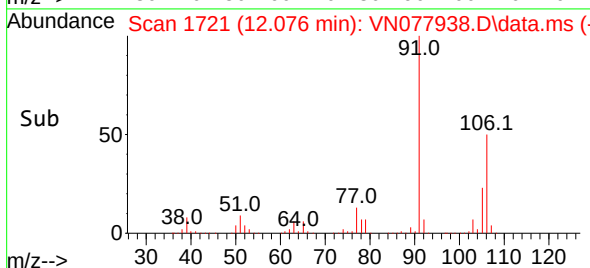
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

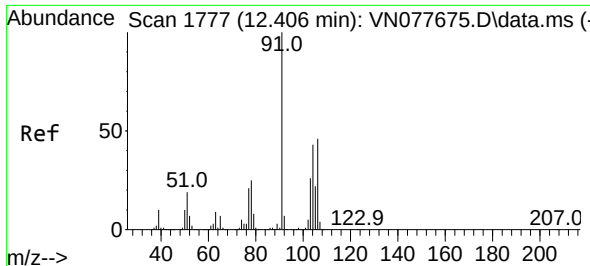


#68
m/p-Xylenes
Concen: 110.513 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



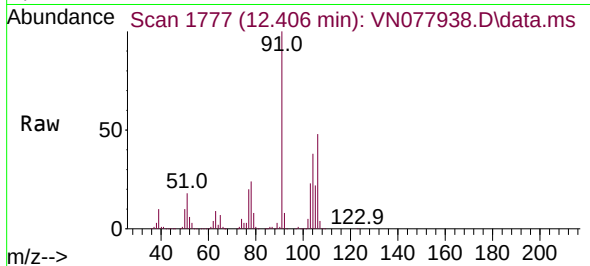
Tgt Ion:106 Resp: 879309
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4





#69
o-Xylene
Concen: 54.822 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

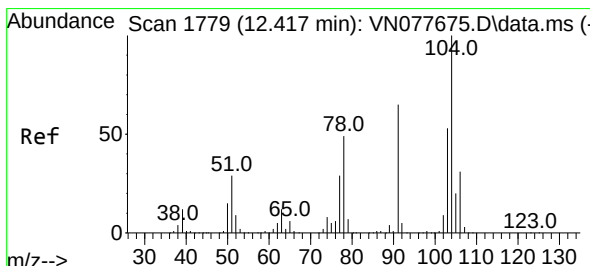
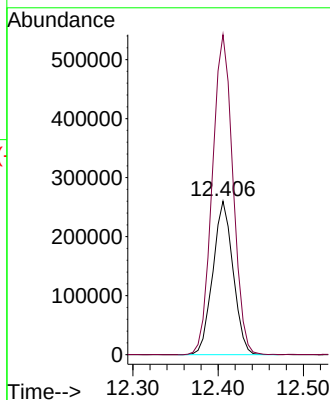
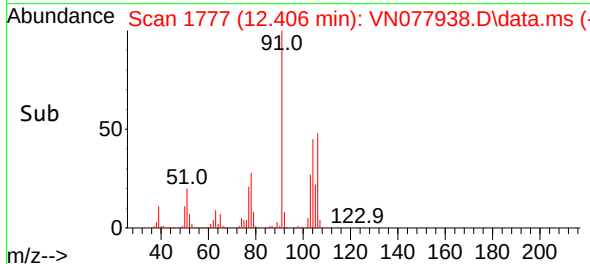
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 428977
Ion Ratio Lower Upper
106 100
91 212.6 105.2 315.5

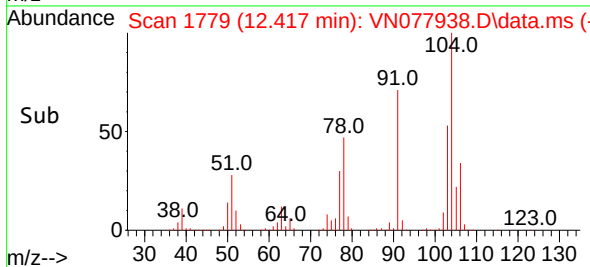
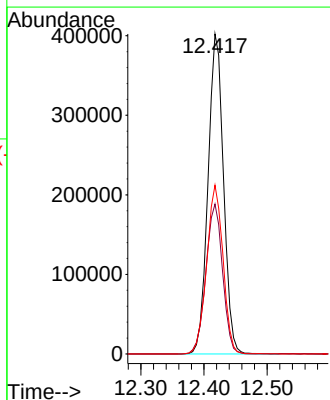
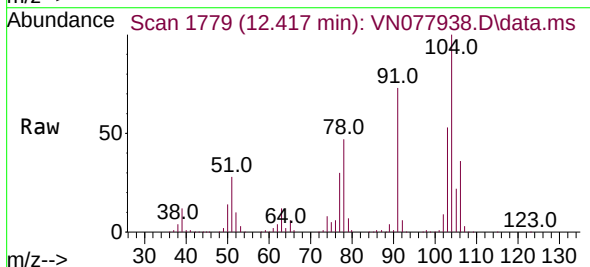
Manual Integrations
APPROVED

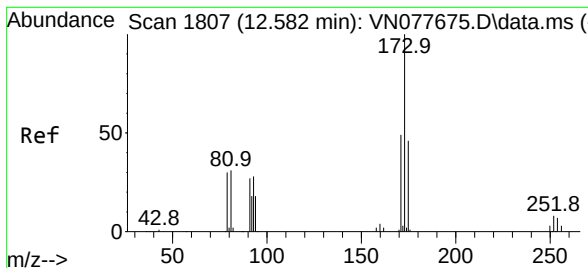
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 55.223 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion:104 Resp: 686443
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 56.014 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 151079

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

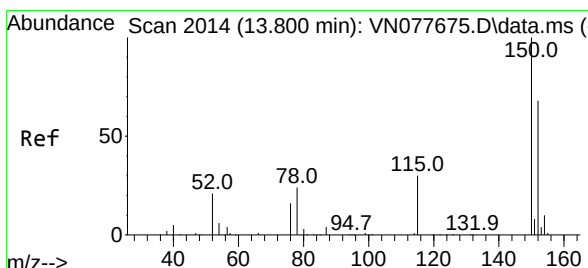
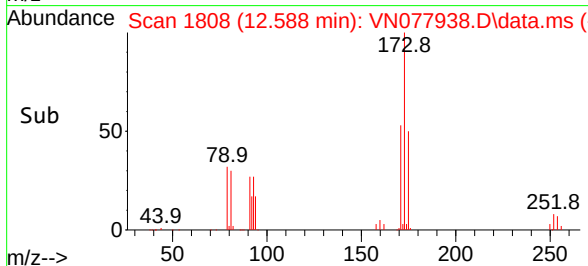
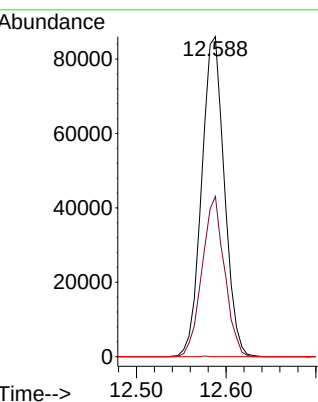
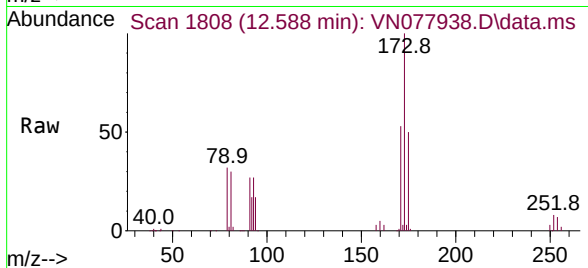
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

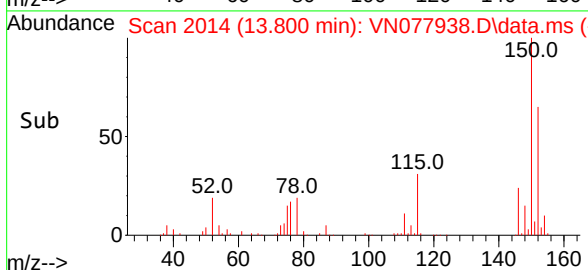
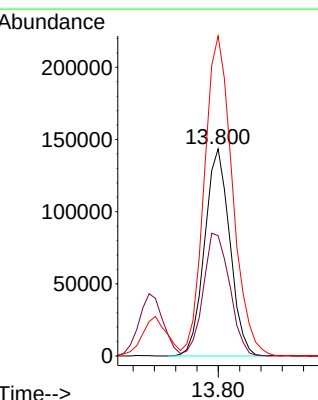
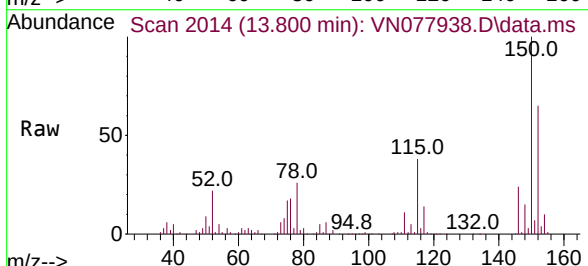
Tgt Ion:152 Resp: 235457

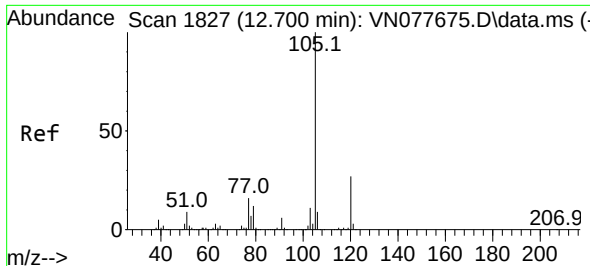
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

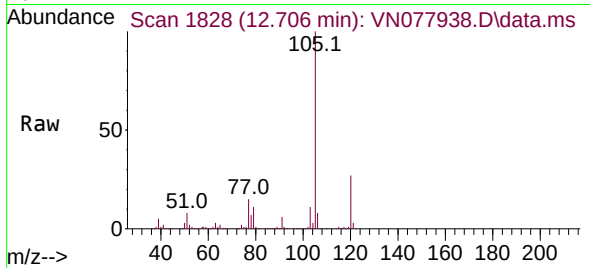
150 172.2 0.0 355.8





#73
Isopropylbenzene
Concen: 54.732 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

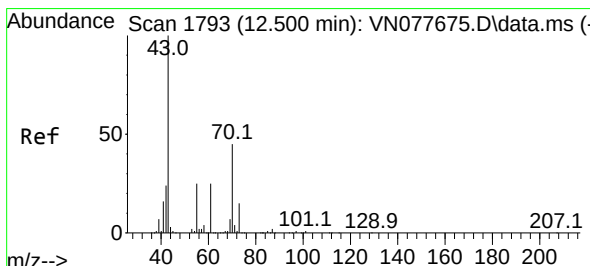
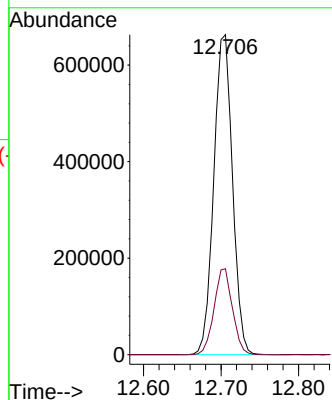
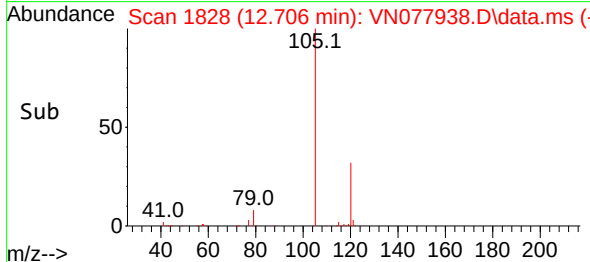
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



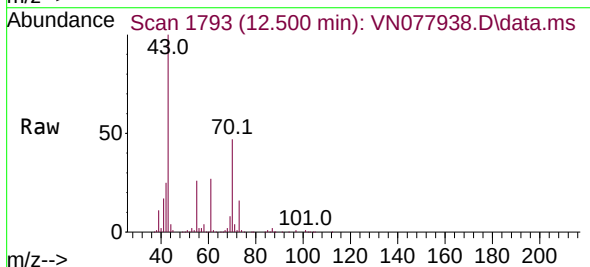
Tgt Ion:105 Resp: 111086
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

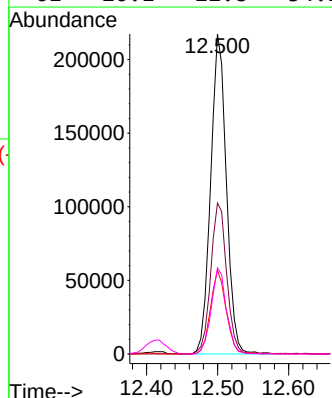
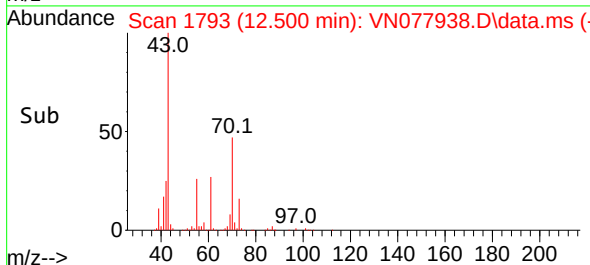
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

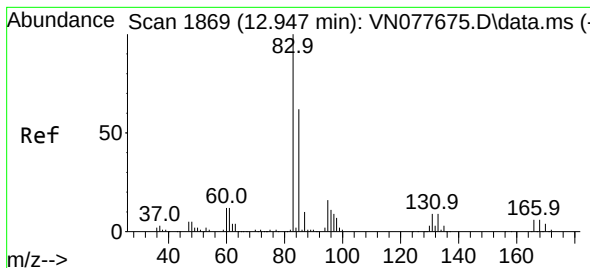


#74
N-ethyl acetate
Concen: 44.557 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



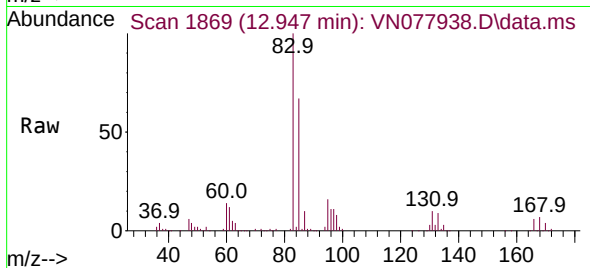
Tgt Ion: 43 Resp: 334274
Ion Ratio Lower Upper
43 100
70 47.8 43.4 65.2
55 26.0 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.367 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

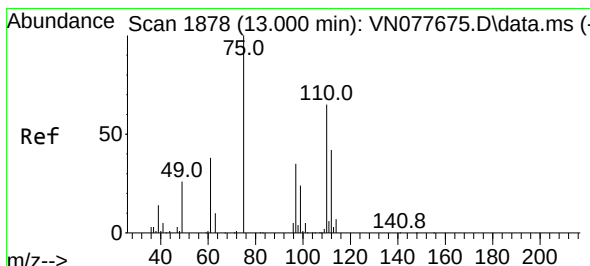
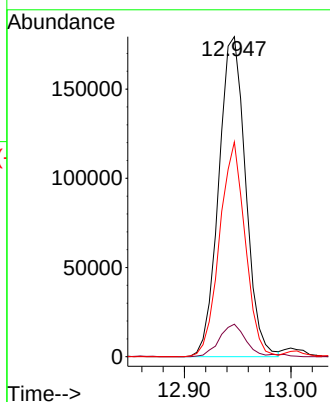
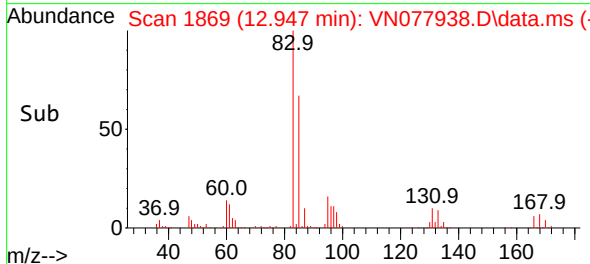
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 314490
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.9 31.9 95.7

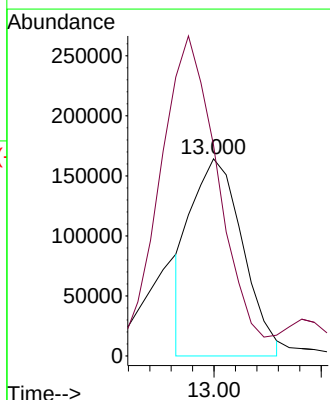
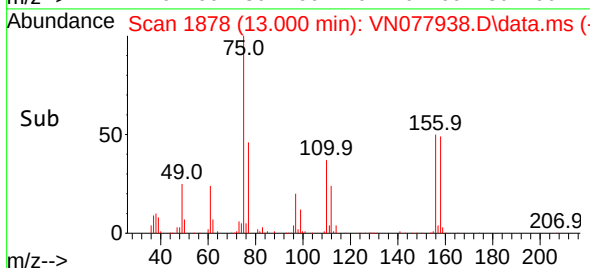
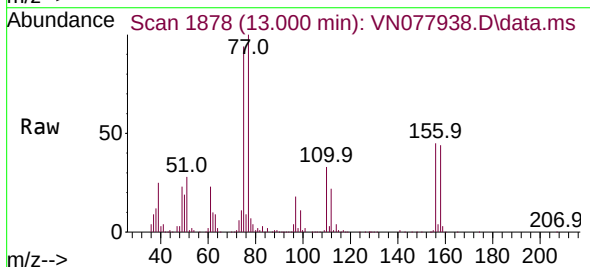
Manual Integrations
APPROVED

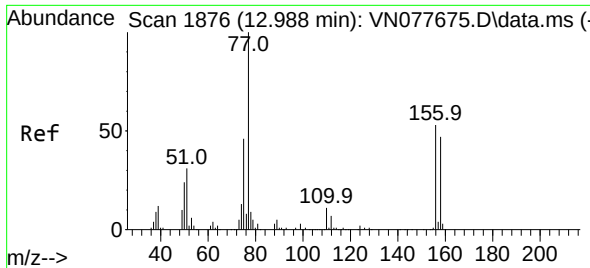
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 47.035 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 75 Resp: 277352
Ion Ratio Lower Upper
75 100
77 183.9 84.5 253.5





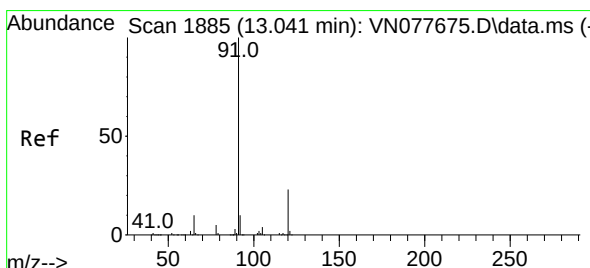
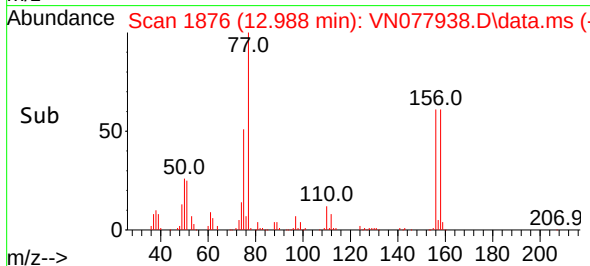
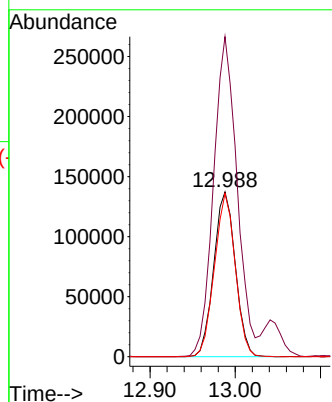
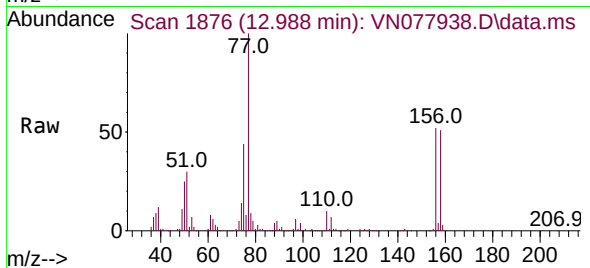
#77
Bromobenzene
Concen: 51.978 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 240752
Ion Ratio Lower Upper
156 100
77 211.9 107.7 323.3
158 95.7 48.4 145.3

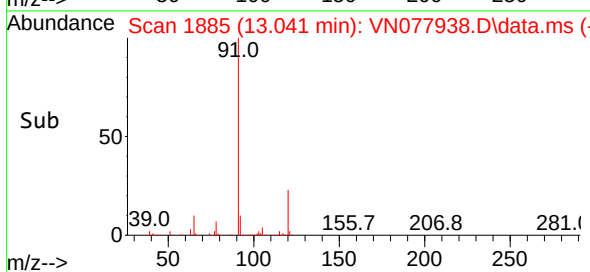
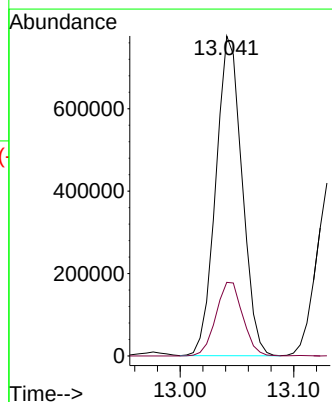
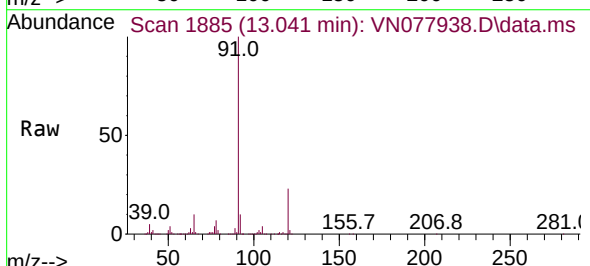
Manual Integrations
APPROVED

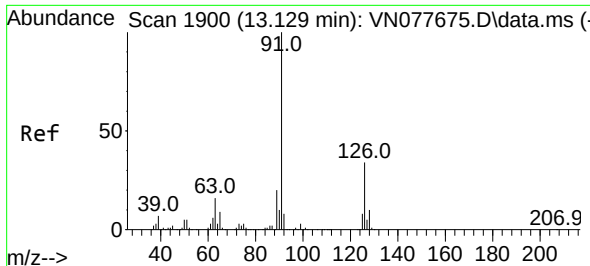
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 51.979 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 91 Resp: 1243767
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





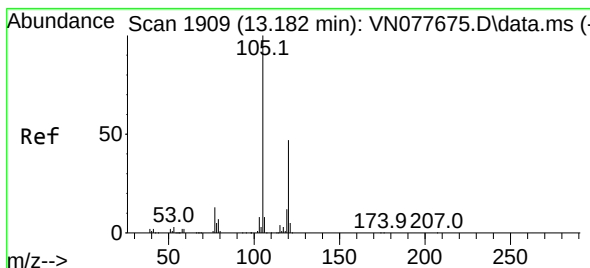
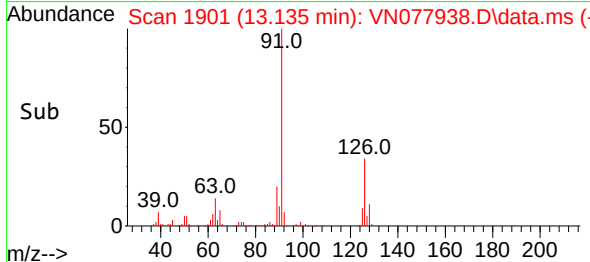
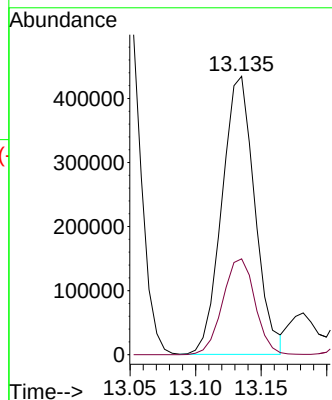
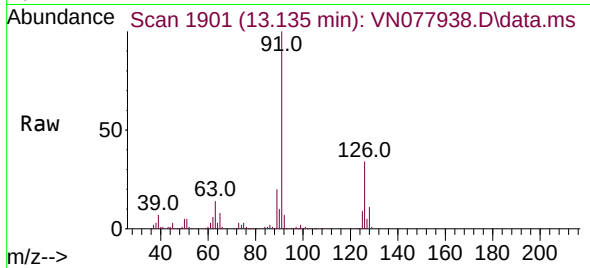
#79
2-Chlorotoluene
Concen: 53.066 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 757690
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

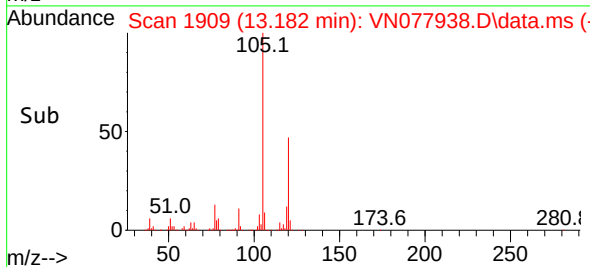
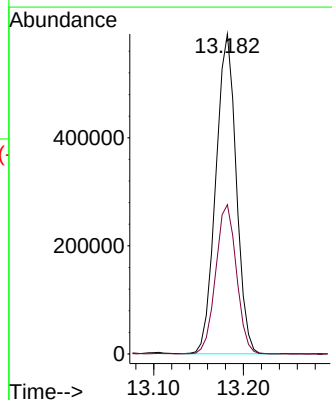
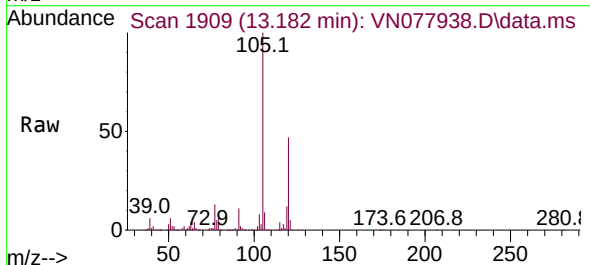
Manual Integrations
APPROVED

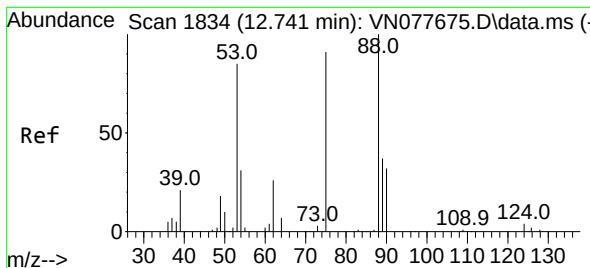
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.728 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

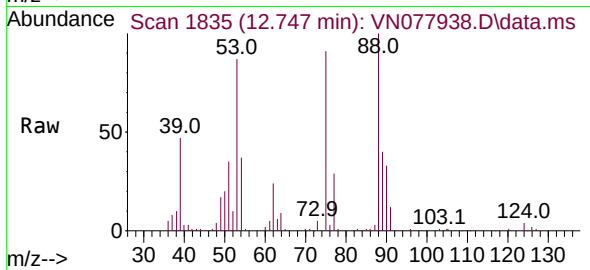
Tgt Ion:105 Resp: 933579
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.396 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

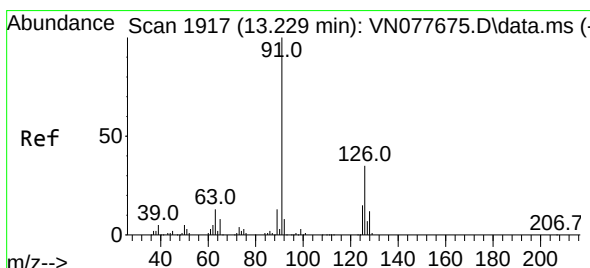
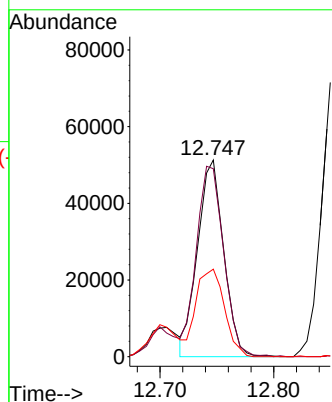
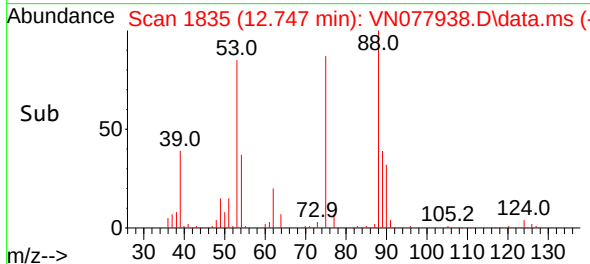
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 81899
Ion Ratio Lower Upper
75 100
53 101.7 67.4 101.2
89 47.5 38.8 58.2

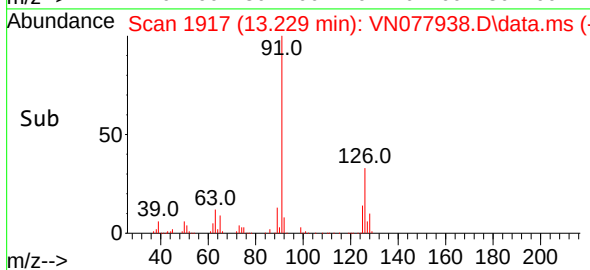
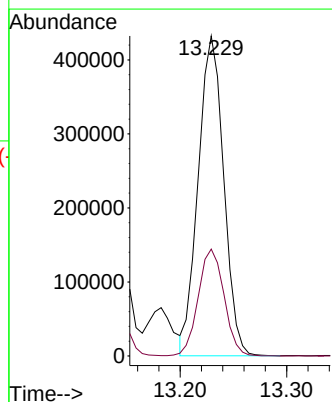
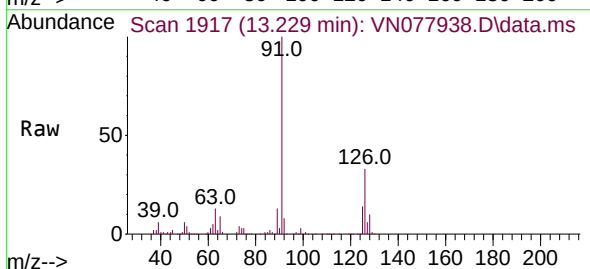
Manual Integrations
APPROVED

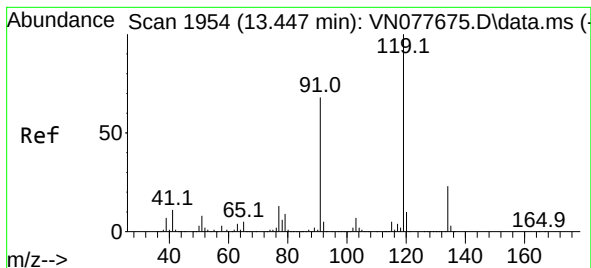
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 50.745 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion: 91 Resp: 720910
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 52.012 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 77455

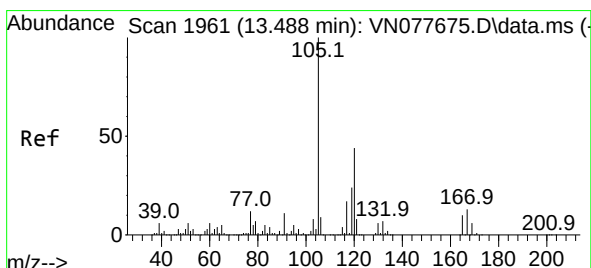
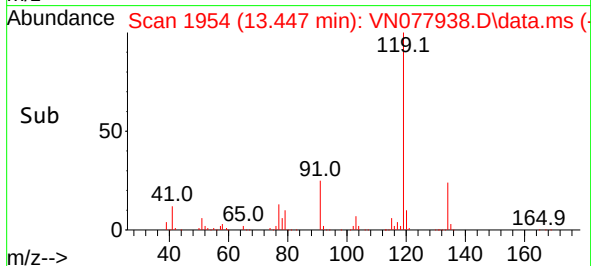
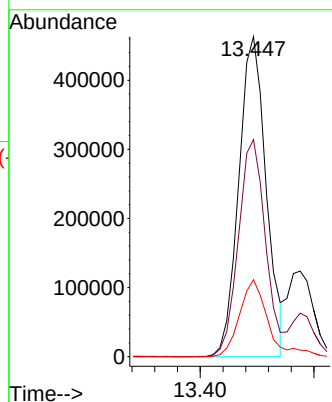
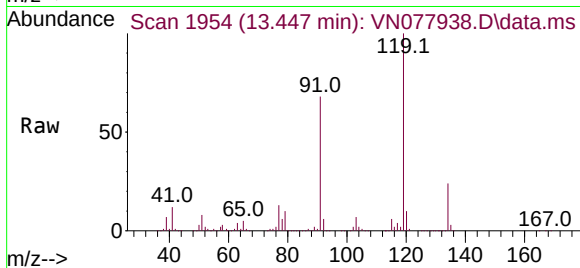
Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.9	101.7
134	25.1	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#84

1,2,4-Trimethylbenzene

Concen: 54.453 ug/l

RT: 13.488 min Scan# 1961

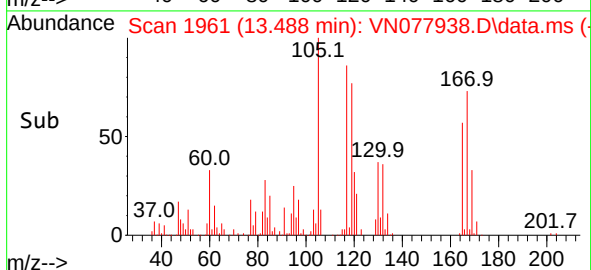
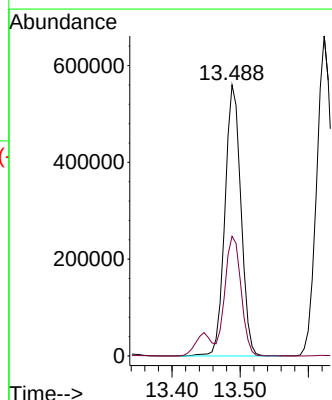
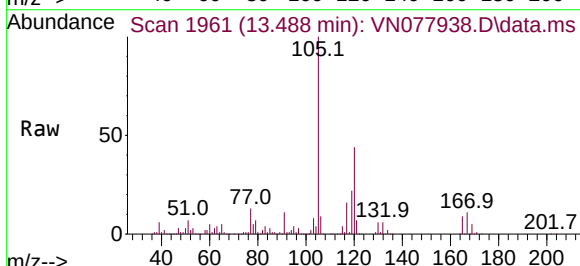
Delta R.T. -0.000 min

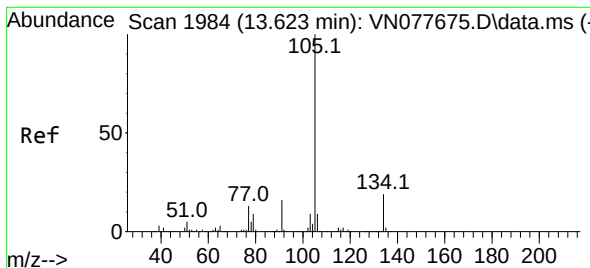
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion:105 Resp: 913537

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 49.669 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1051200

Ion Ratio Lower Upper

105 100

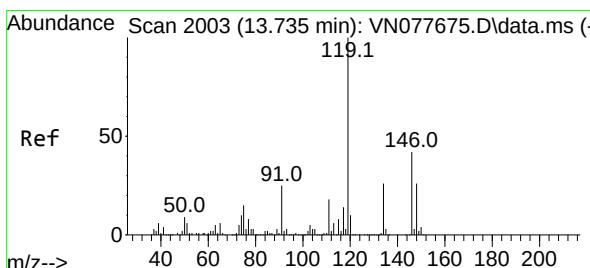
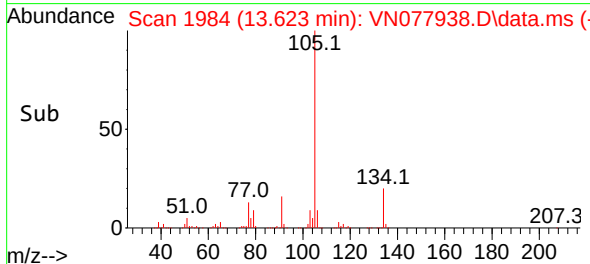
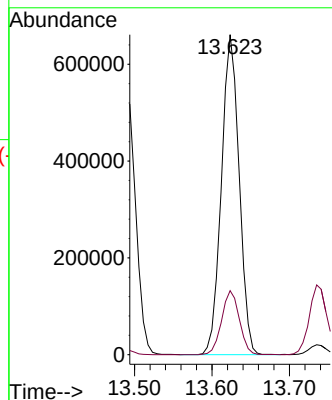
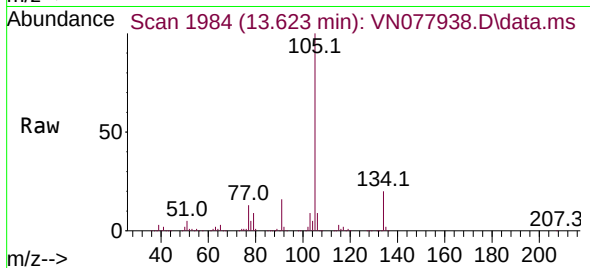
134 20.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#86

p-Isopropyltoluene

Concen: 52.051 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

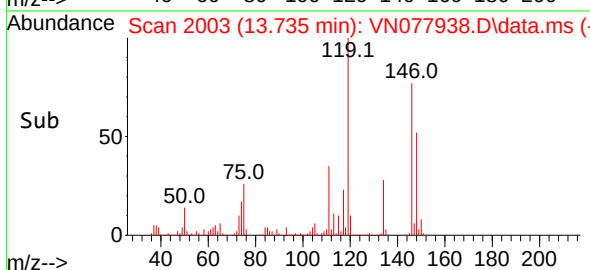
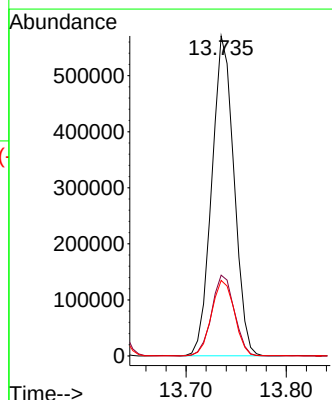
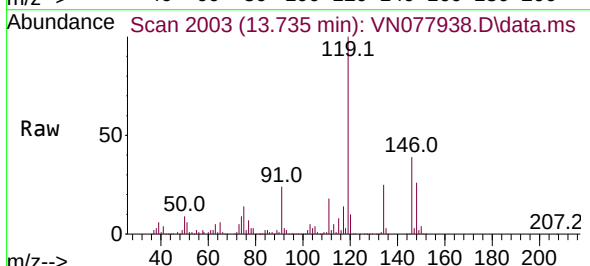
Tgt Ion:119 Resp: 878227

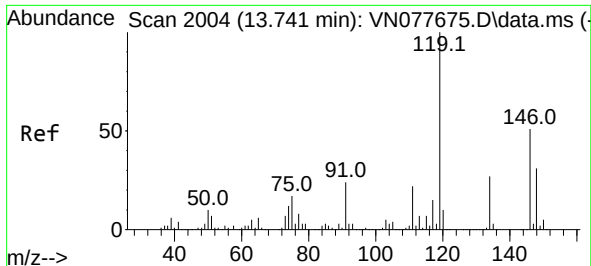
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.065 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 428840

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

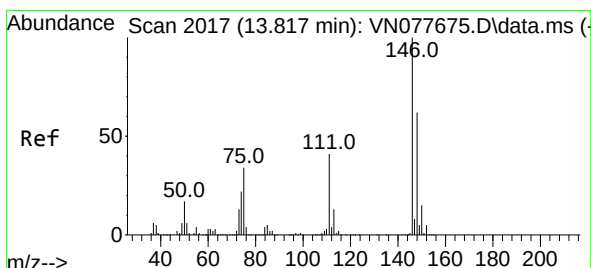
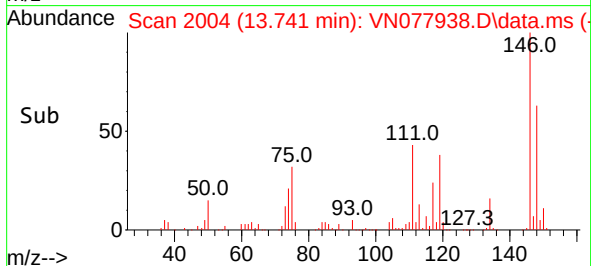
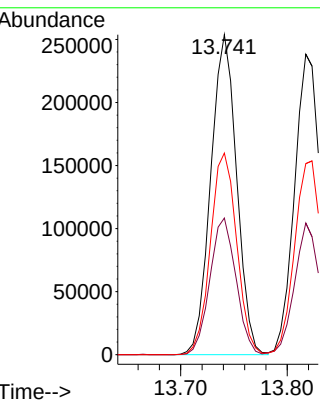
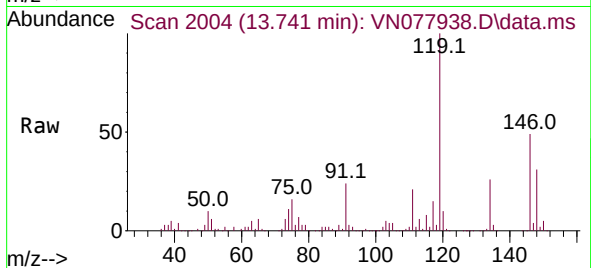
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#88

1,4-Dichlorobenzene

Concen: 48.091 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

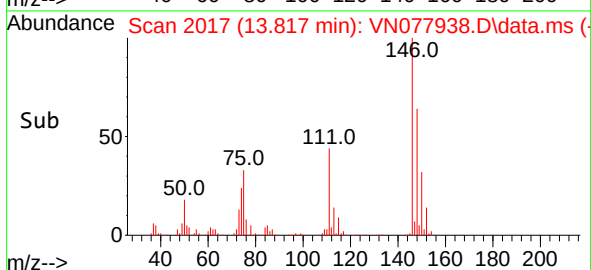
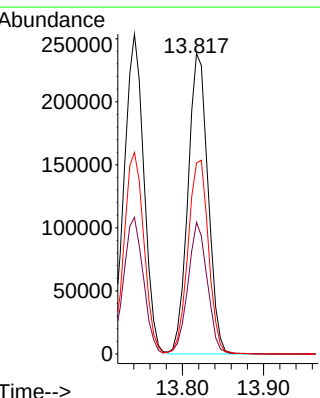
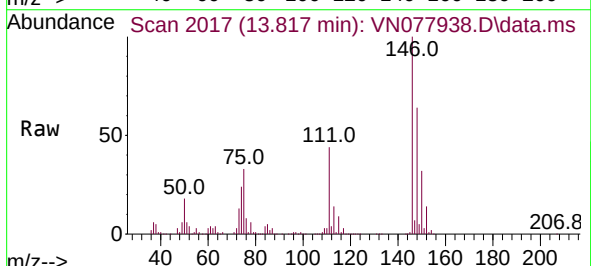
Tgt Ion:146 Resp: 408776

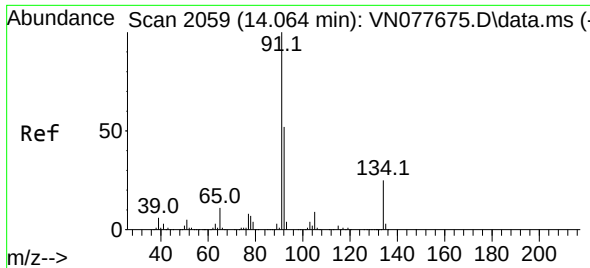
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 65.8 31.6 94.8





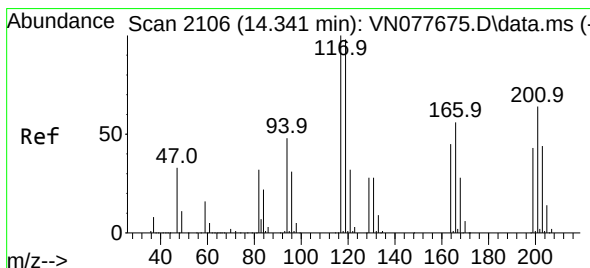
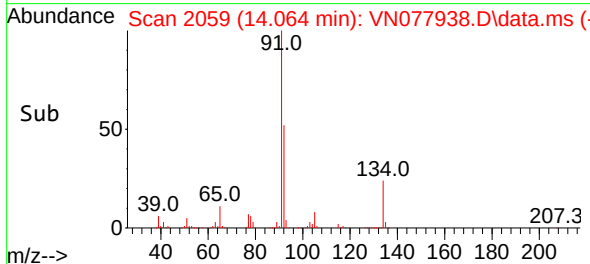
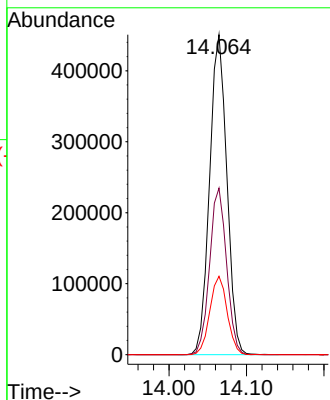
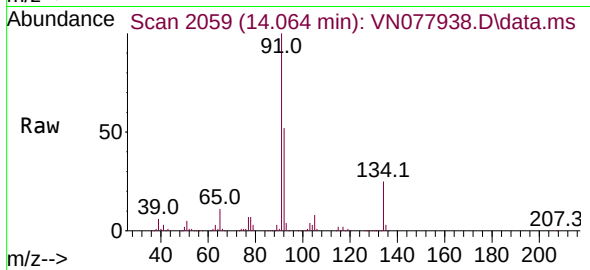
#89
n-Butylbenzene
Concen: 44.929 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 697252
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 24.7 12.6 37.6

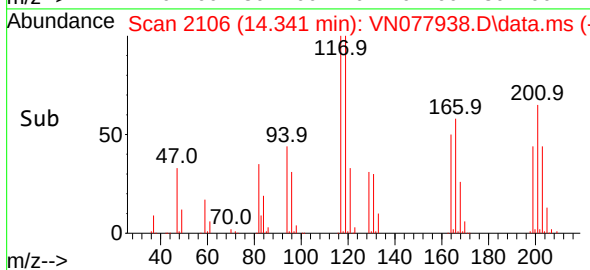
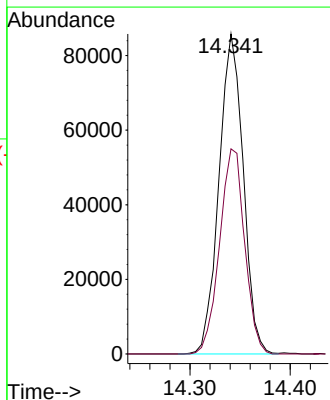
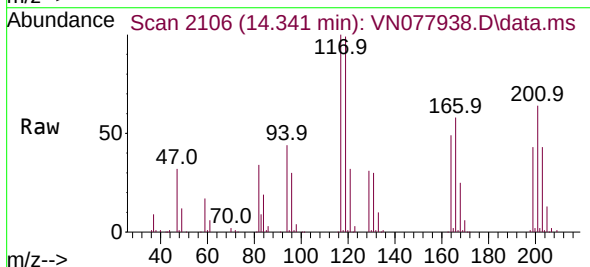
Manual Integrations
APPROVED

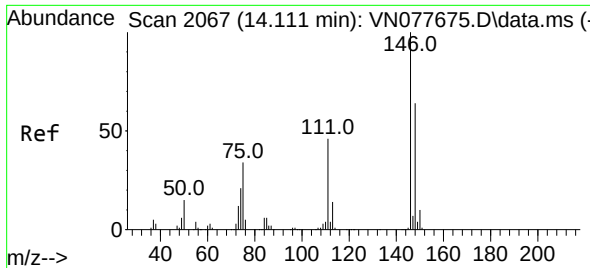
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#90
Hexachloroethane
Concen: 52.059 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

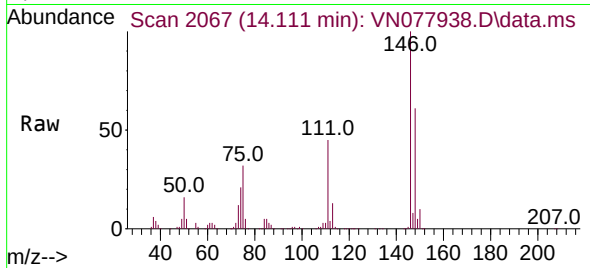
Tgt Ion:117 Resp: 144296
Ion Ratio Lower Upper
117 100
201 66.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 53.535 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

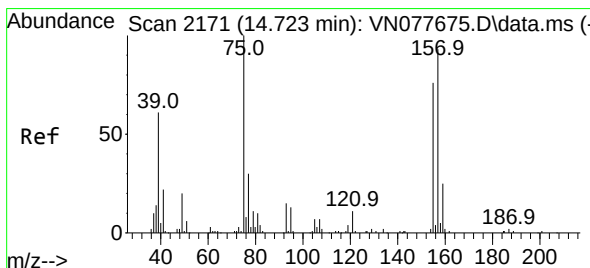
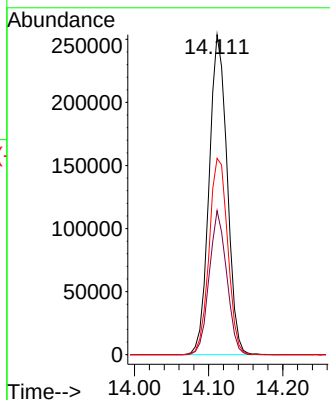
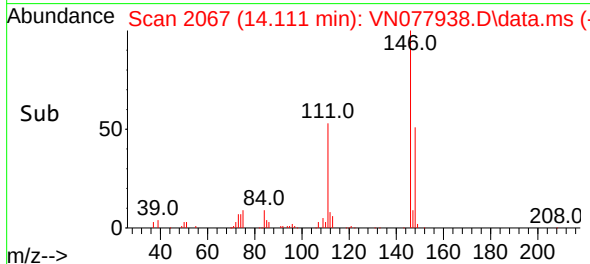
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



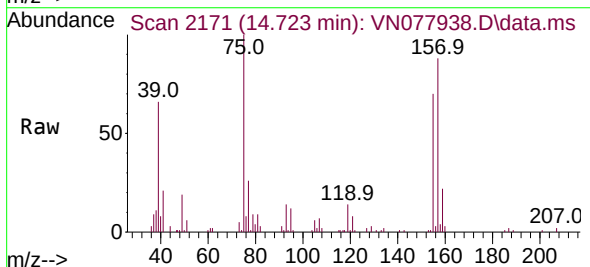
Tgt Ion:146 Resp: 42840
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.3 31.8 95.3

Manual Integrations
APPROVED

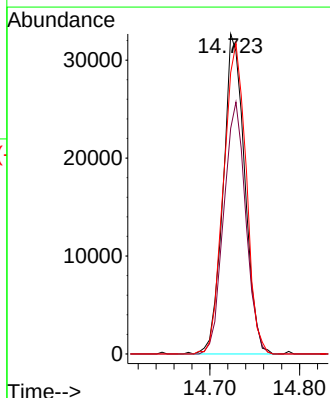
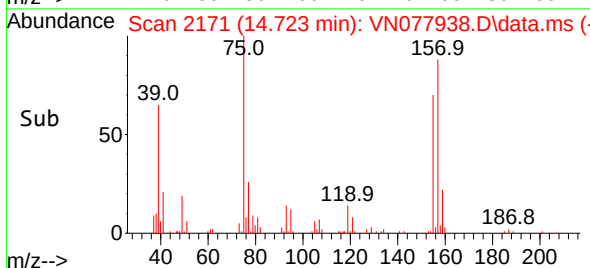
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

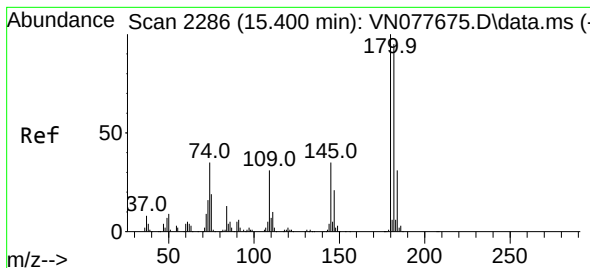


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.073 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29



Tgt Ion: 75 Resp: 54486
Ion Ratio Lower Upper
75 100
155 80.4 39.1 117.2
157 101.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 36.866 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077938.D

Acq: 26 May 2023 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 17239

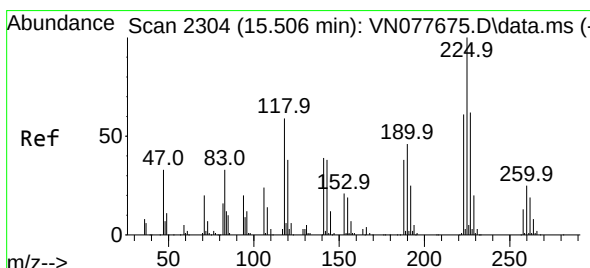
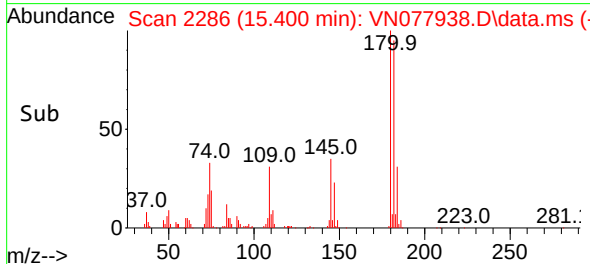
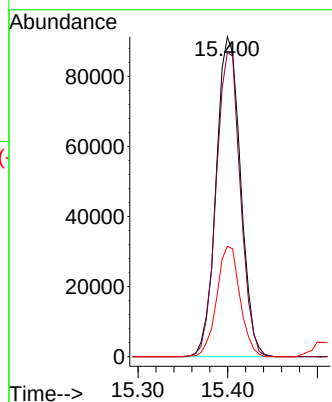
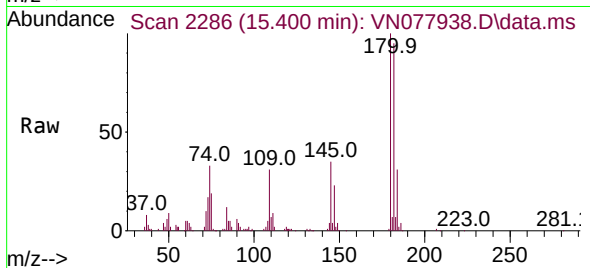
Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.1	138.2
145	33.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#94

Hexachlorobutadiene

Concen: 37.684 ug/l

RT: 15.511 min Scan# 2305

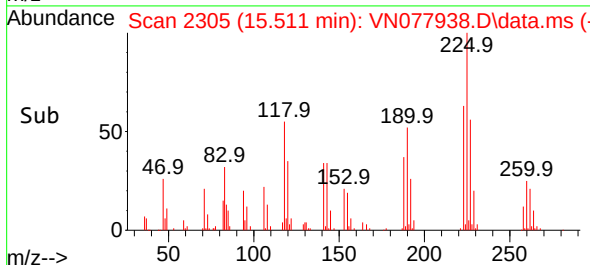
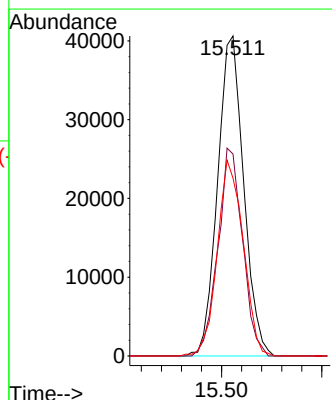
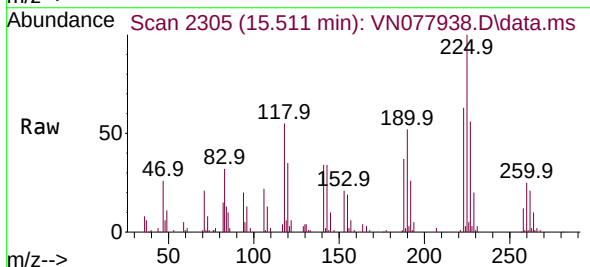
Delta R.T. 0.005 min

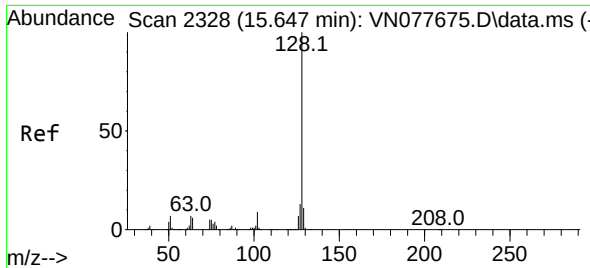
Lab File: VN077938.D

Acq: 26 May 2023 19:29

Tgt Ion:225 Resp: 73166

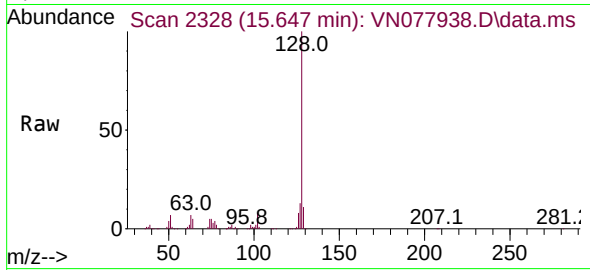
Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.3	93.8
227	61.0	31.9	95.9





#95
Naphthalene
Concen: 32.949 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

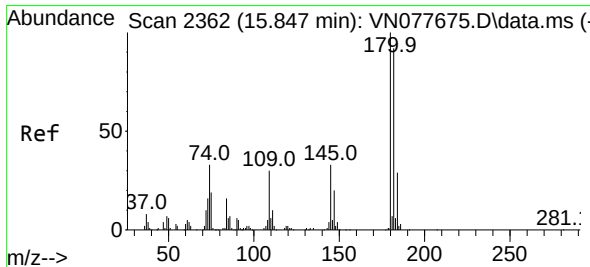
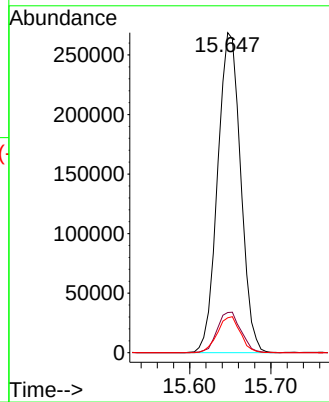
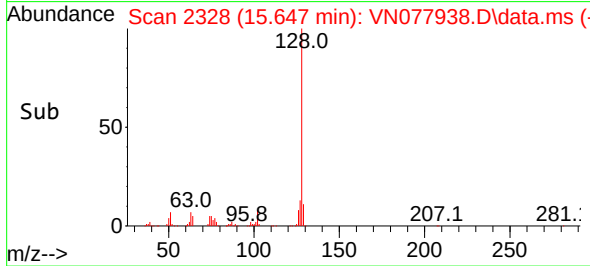
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 530340
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 39.193 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077938.D
Acq: 26 May 2023 19:29

Tgt Ion:180 Resp: 179447
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 34.4 17.5 52.6

