

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077847.D
 Acq On : 24 May 2023 11:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:41:09 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	8.229	168	440575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	669230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	301875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	289102	43.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.720%		
35) Dibromofluoromethane	8.171	113	256349	51.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.000%		
50) Toluene-d8	10.570	98	952733	49.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.853	95	331081	48.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	221318	44.140	ug/l	100
3) Chloromethane	2.371	50	232137	43.431	ug/l	100
4) Vinyl Chloride	2.524	62	293680	46.456	ug/l	98
5) Bromomethane	2.959	94	219402	46.927	ug/l	91
6) Chloroethane	3.130	64	202512	44.451	ug/l	96
7) Trichlorofluoromethane	3.506	101	427948	48.575	ug/l	98
8) Diethyl Ether	3.965	74	148529	46.181	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	241261	49.484	ug/l	98
10) Methyl Iodide	4.600	142	340789	58.610	ug/l	95
11) Tert butyl alcohol	5.524	59	174082	191.346	ug/l	99
12) 1,1-Dichloroethene	4.347	96	231766	50.016	ug/l	92
13) Acrolein	4.189	56	120458	208.001	ug/l	96
14) Allyl chloride	5.036	41	308040	45.251	ug/l	95
15) Acrylonitrile	5.724	53	502018	206.543	ug/l	99
16) Acetone	4.430	43	627583	302.600	ug/l	96
17) Carbon Disulfide	4.724	76	595277	47.677	ug/l	99
18) Methyl Acetate	5.030	43	357060	41.038	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	772828	46.076	ug/l	98
20) Methylene Chloride	5.283	84	269624	49.945	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	262393	50.410	ug/l	93
22) Diisopropyl ether	6.677	45	746314	46.773	ug/l #	92
23) Vinyl Acetate	6.612	43	2179147	220.427	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	476144	48.709	ug/l	98
25) 2-Butanone	7.488	43	760985	234.559	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	424343	51.095	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	313354	50.207	ug/l	95
28) Bromochloromethane	7.824	49	189395	44.799	ug/l	91
29) Tetrahydrofuran	7.841	42	412799	194.317	ug/l	86
30) Chloroform	7.971	83	515811	47.968	ug/l	95
31) Cyclohexane	8.265	56	403817	45.071	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	468571	51.253	ug/l	98
36) 1,1-Dichloropropene	8.377	75	389202	53.459	ug/l	96
37) Ethyl Acetate	7.565	43	265384	40.897	ug/l #	92
38) Carbon Tetrachloride	8.371	117	418071	56.868	ug/l	98
39) Methylcyclohexane	9.606	83	494925	55.528	ug/l	91
40) Benzene	8.612	78	1132224	52.701	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	146952	42.523	ug/l	91
42) 1,2-Dichloroethane	8.677	62	383201	49.102	ug/l	97
43) Isopropyl Acetate	8.694	43	486172	45.869	ug/l	95
44) Trichloroethene	9.359	130	301918	55.500	ug/l	97
45) 1,2-Dichloropropane	9.629	63	281603	51.388	ug/l	98
46) Dibromomethane	9.712	93	199490	50.873	ug/l	95
47) Bromodichloromethane	9.894	83	401363	53.463	ug/l	98
48) Methyl methacrylate	9.688	41	222737	44.323	ug/l	90
49) 1,4-Dioxane	9.700	88	84746	892.872	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	1373719	218.041	ug/l	94
52) Toluene	10.635	92	734916	54.947	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	422773	53.179	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	475416	54.265	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	274043	51.602	ug/l	98
56) Ethyl methacrylate	10.876	69	391407	48.745	ug/l	90
57) 1,3-Dichloropropane	11.170	76	464180	50.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	799238	202.324	ug/l	93
59) 2-Hexanone	11.200	43	1069773	229.562	ug/l	93
60) Dibromochloromethane	11.365	129	305988	55.812	ug/l	99
61) 1,2-Dibromoethane	11.476	107	282070	53.241	ug/l	98
64) Tetrachloroethene	11.112	164	280234	59.878	ug/l	98
65) Chlorobenzene	11.900	112	793774	54.712	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	288730	57.516	ug/l	98
67) Ethyl Benzene	11.970	91	1436178	55.239	ug/l	99
68) m/p-Xylenes	12.076	106	1123935	114.089	ug/l	99
69) o-Xylene	12.406	106	540420	55.781	ug/l	99
70) Styrene	12.417	104	871529	56.628	ug/l	99
71) Bromoform	12.582	173	191308	57.287	ug/l #	100
73) Isopropylbenzene	12.700	105	1419582	54.554	ug/l	98
74) N-amyl acetate	12.500	43	398209	41.401	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	352318	44.011	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	304096m	40.224	ug/l	
77) Bromobenzene	12.988	156	310152	52.229	ug/l	93
78) n-propylbenzene	13.041	91	1651784	53.843	ug/l	98
79) 2-Chlorotoluene	13.129	91	951477	51.976	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1198059	54.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	124279	52.547	ug/l	92
82) 4-Chlorotoluene	13.229	91	933739	51.265	ug/l	99
83) tert-Butylbenzene	13.447	119	1032164	54.061	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1197152	55.658	ug/l	97
85) sec-Butylbenzene	13.623	105	1489516	54.895	ug/l	100
86) p-Isopropyltoluene	13.735	119	1245130	57.560	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	569151	51.826	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	561139	51.491	ug/l	99
89) n-Butylbenzene	14.064	91	1065120	53.533	ug/l	98
90) Hexachloroethane	14.341	117	207288	58.331	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	551788	53.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61290	39.546	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	267863	44.678	ug/l	98
94) Hexachlorobutadiene	15.505	225	130817	52.552	ug/l	98
95) Naphthalene	15.647	128	748763	36.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	263162	44.831	ug/l	98

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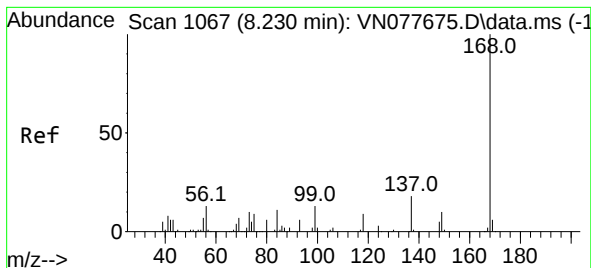
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

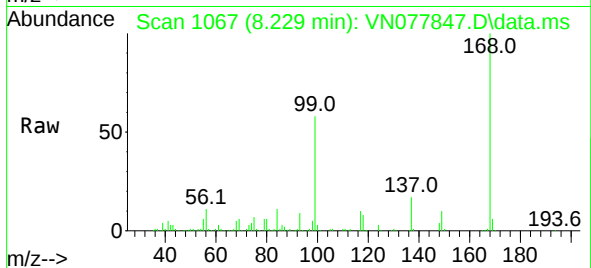
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077847.D
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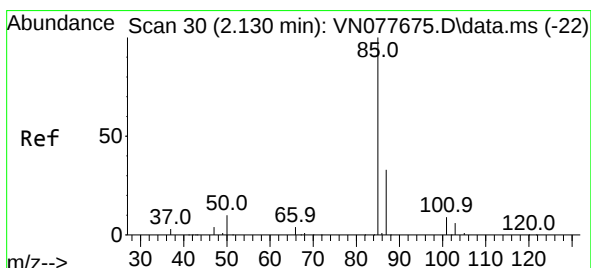
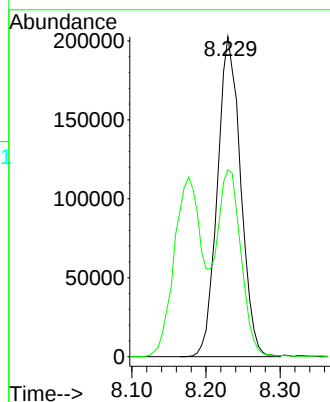
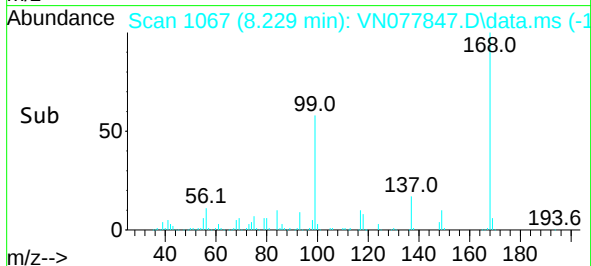
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



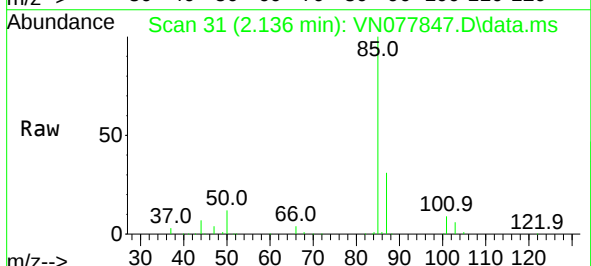
Tgt Ion:168 Resp: 440579
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6

Manual Integrations
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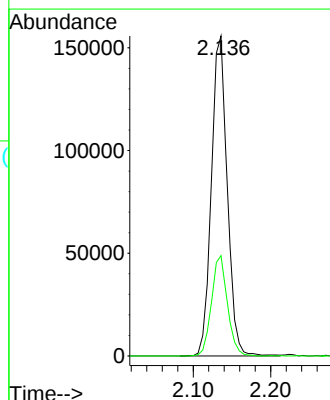
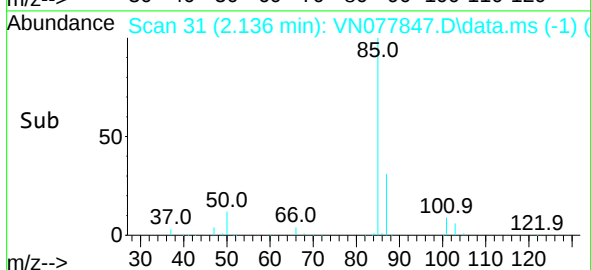
Reviewed By :John Carlone 05/25/2023
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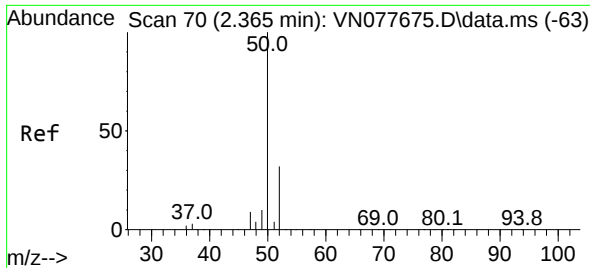


#2
Dichlorodifluoromethane
Concen: 44.140 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



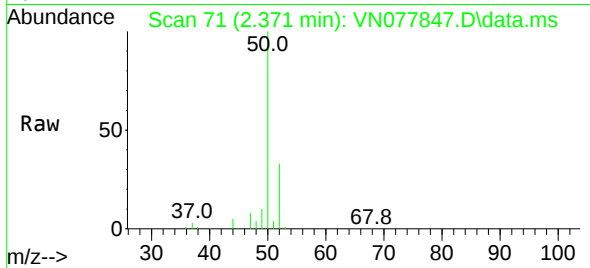
Tgt Ion: 85 Resp: 221318
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 43.431 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

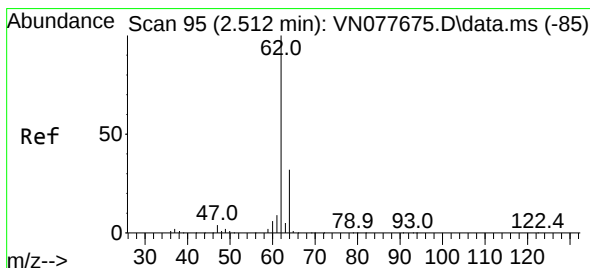
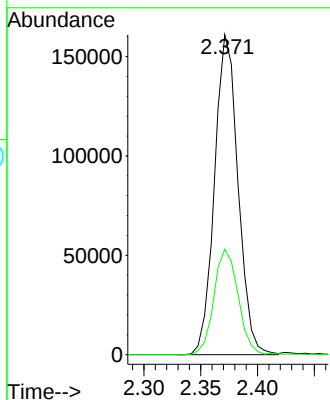
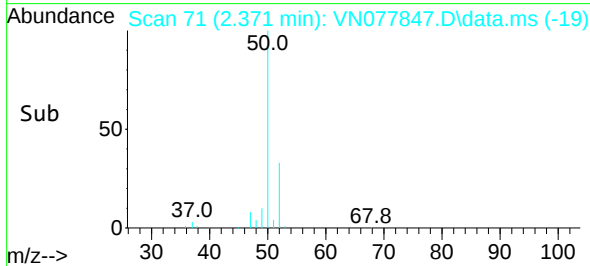
Instrument :
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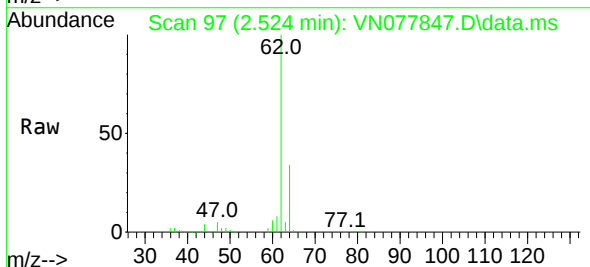
Tgt Ion: 50 Resp: 23213
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

Manual Integrations
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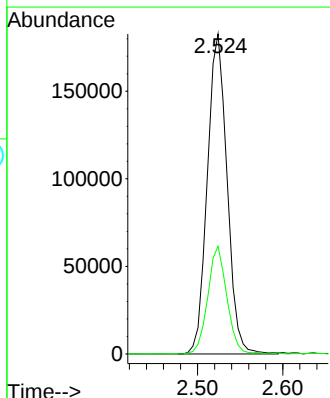
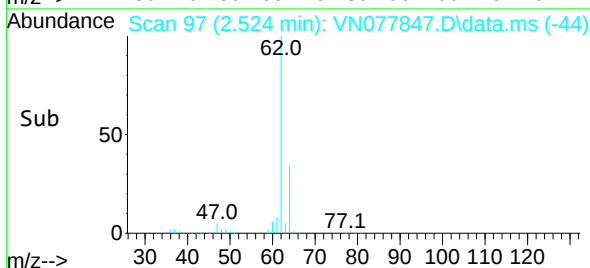
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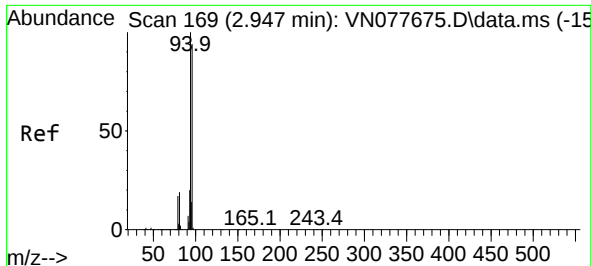


#4
Vinyl Chloride
Concen: 46.456 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



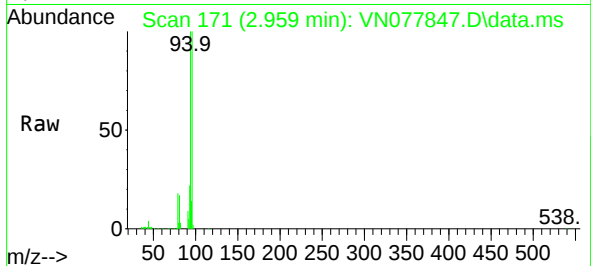
Tgt Ion: 62 Resp: 293680
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





#5
Bromomethane
Concen: 46.927 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

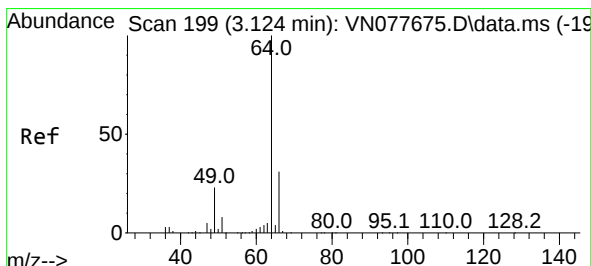
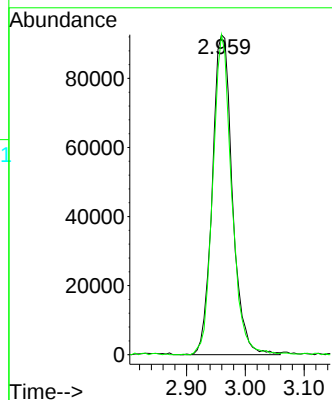
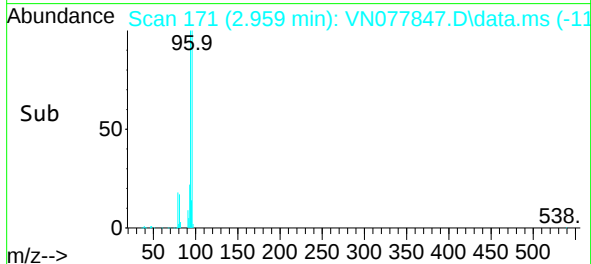
Instrument :
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Tgt Ion: 94 Resp: 21940
Ion Ratio Lower Upper
94 100
96 100.1 73.1 109.7

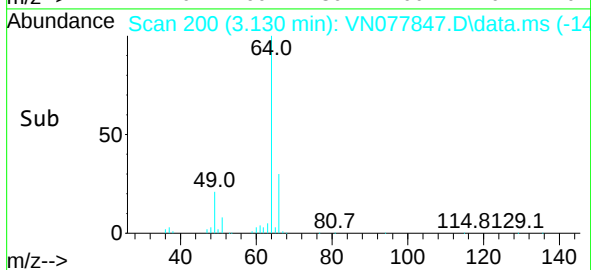
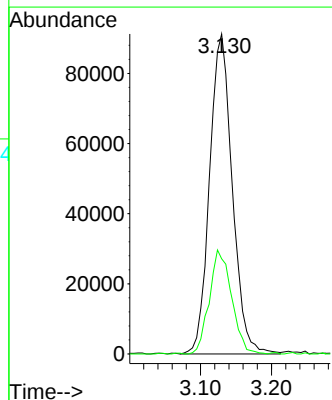
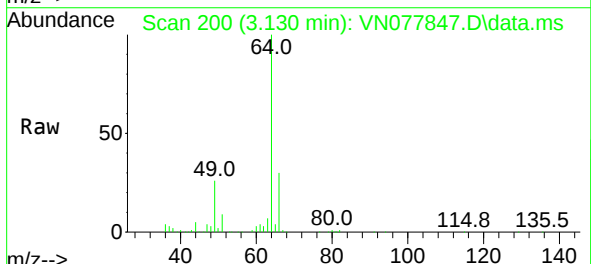
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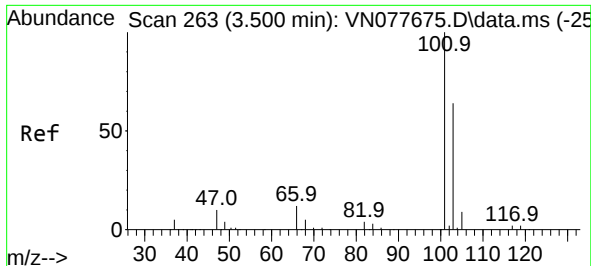
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 44.451 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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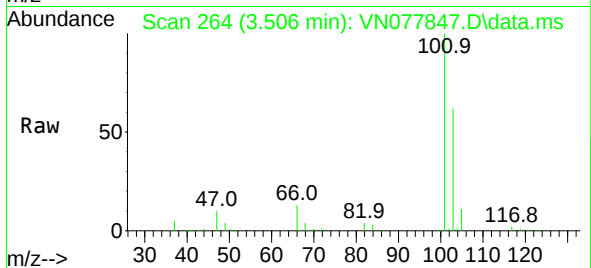
Tgt Ion: 64 Resp: 202512
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.575 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

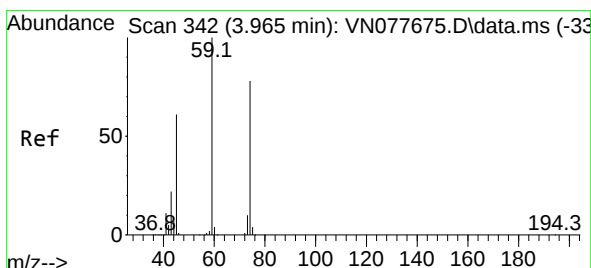
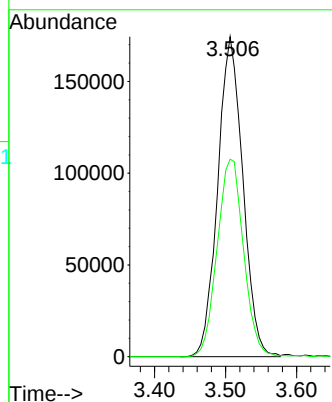
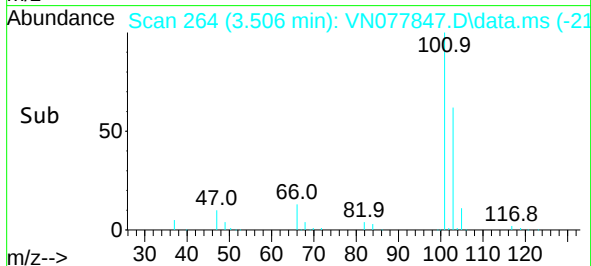
Instrument :
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Tgt Ion:101 Resp: 427948
Ion Ratio Lower Upper
101 100
103 61.7 50.7 76.1

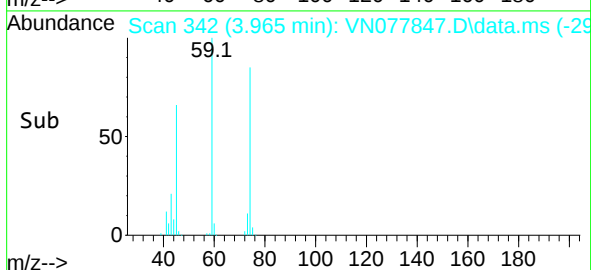
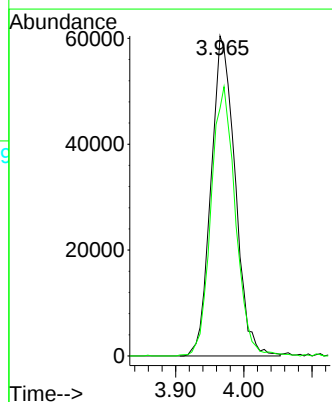
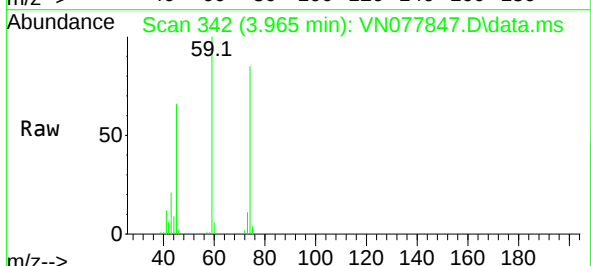
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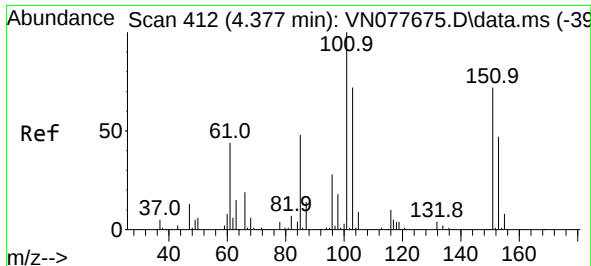
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 46.181 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077847.D
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Tgt Ion: 74 Resp: 148529
Ion Ratio Lower Upper
74 100
45 85.3 34.4 103.3





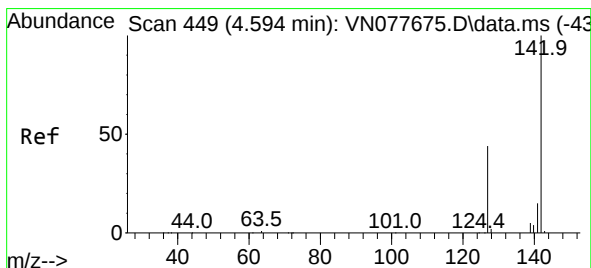
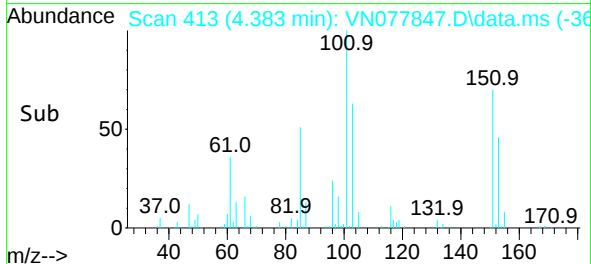
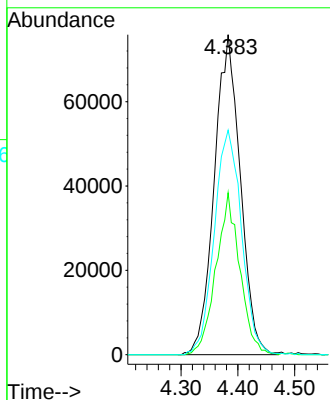
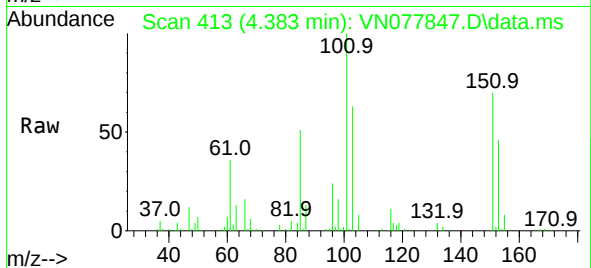
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.484 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24126
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 73.9 57.6 86.4

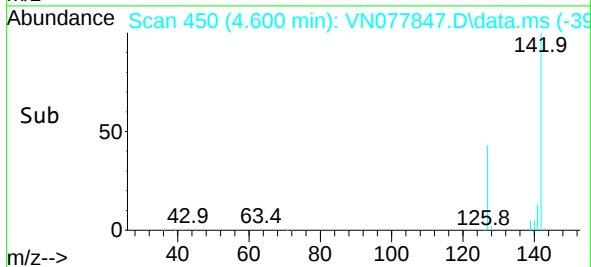
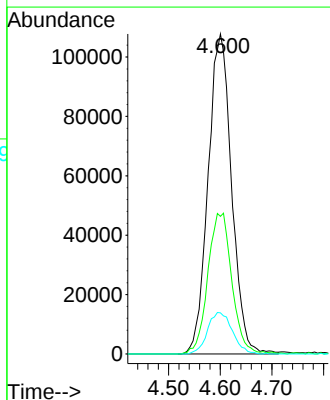
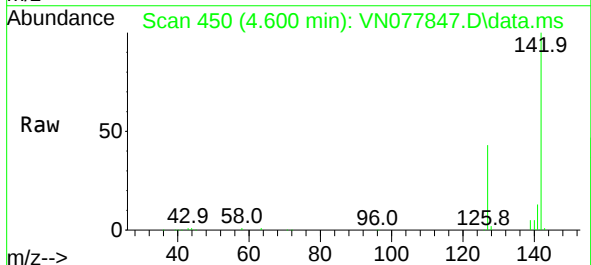
Manual Integrations
APPROVED

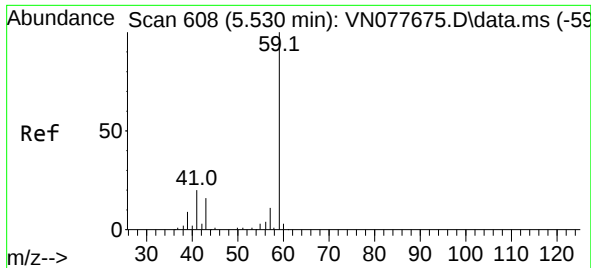
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 58.610 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

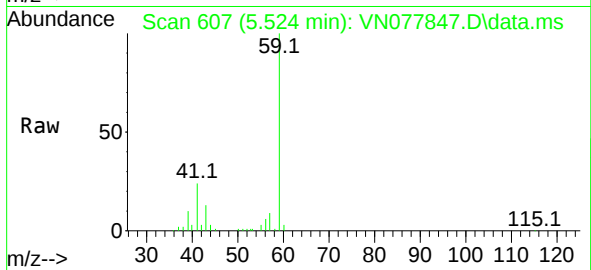
Tgt Ion:142 Resp: 340789
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 12.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 191.346 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

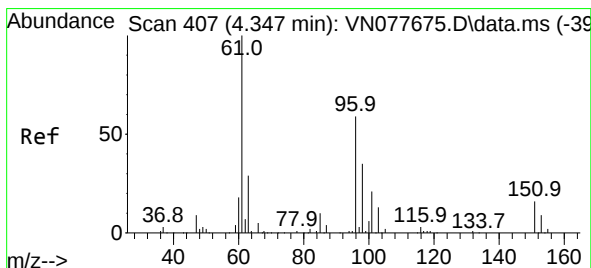
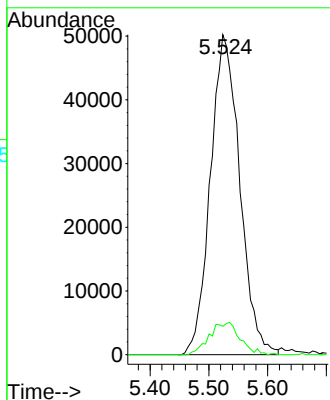
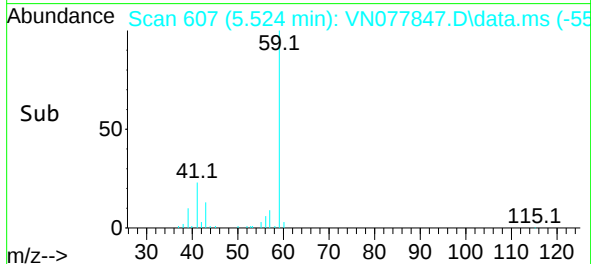
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



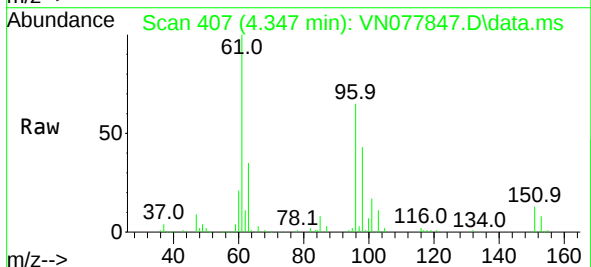
Tgt Ion: 59 Resp: 17408
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

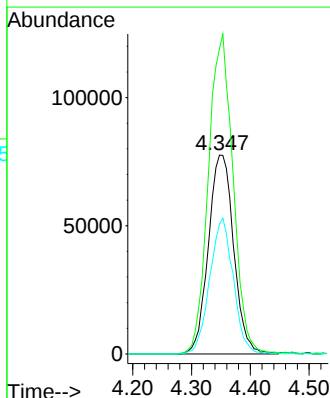
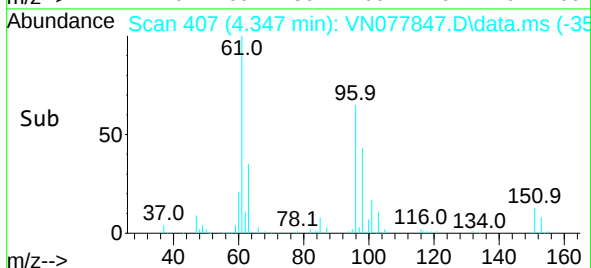
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

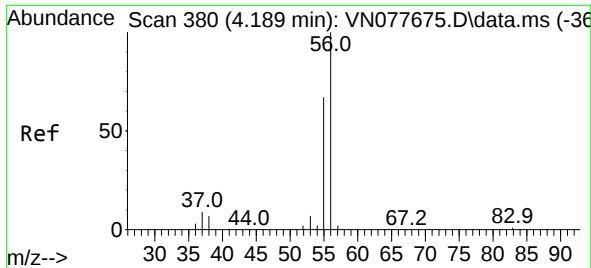


#12
1,1-Dichloroethene
Concen: 50.016 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



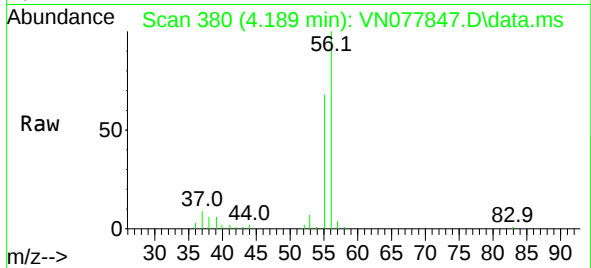
Tgt Ion: 96 Resp: 231766
Ion Ratio Lower Upper
96 100
61 153.4 112.7 169.1
98 65.3 51.2 76.8





#13
Acrolein
Concen: 208.001 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

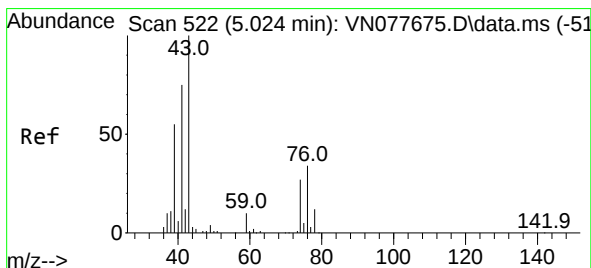
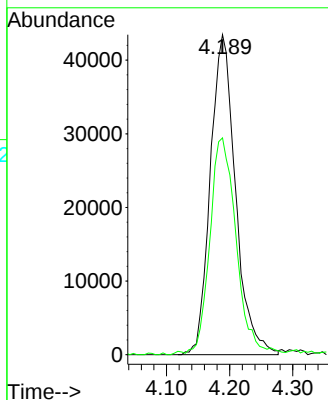
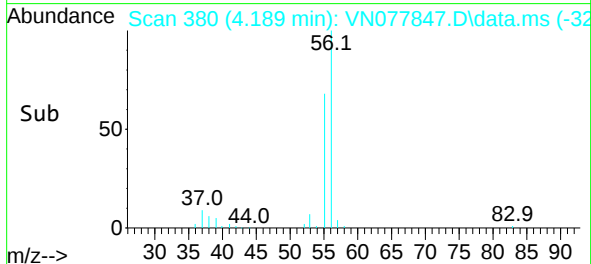
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 120458
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

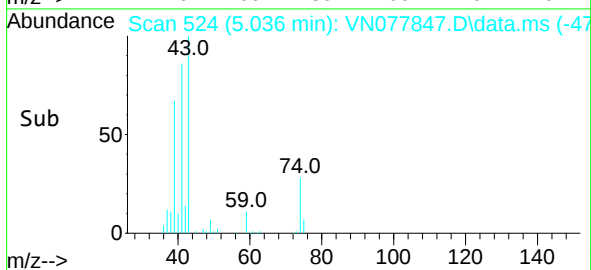
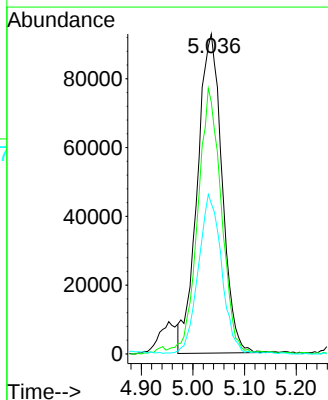
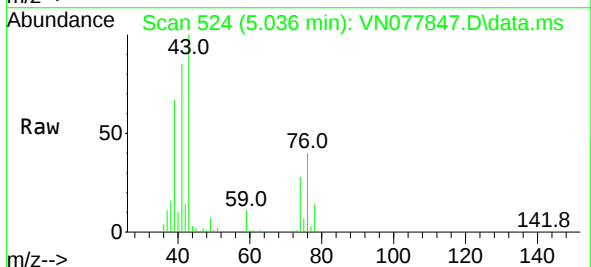
Manual Integrations
APPROVED

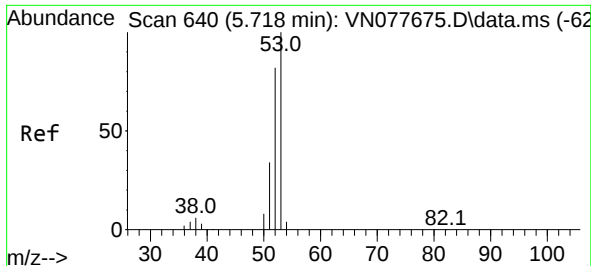
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 45.251 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

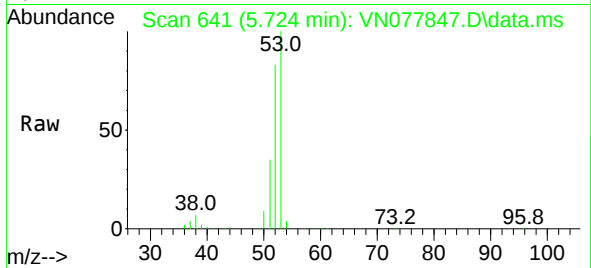
Tgt Ion: 41 Resp: 308040
Ion Ratio Lower Upper
41 100
39 78.2 58.8 88.2
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 206.543 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

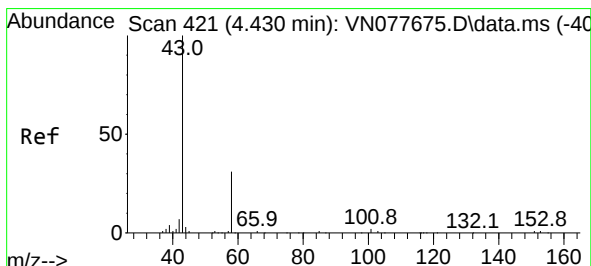
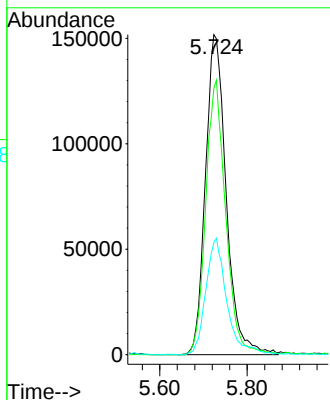
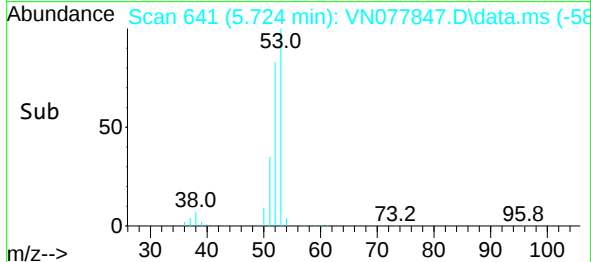
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



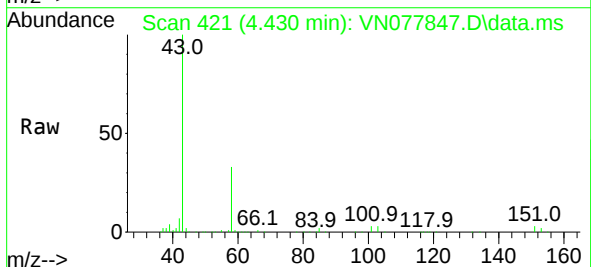
Tgt Ion: 53 Resp: 502018
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
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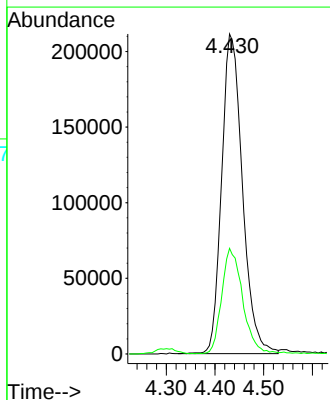
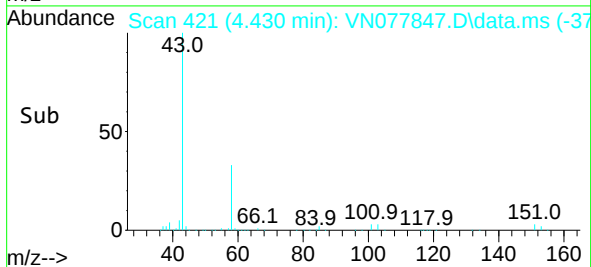
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

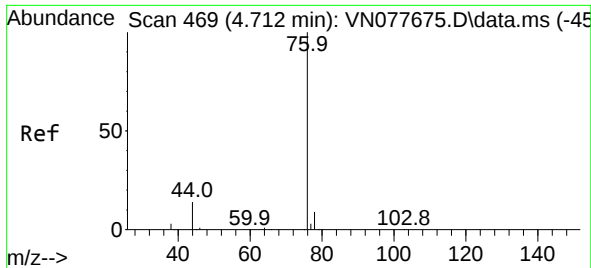


#16
Acetone
Concen: 302.600 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



Tgt Ion: 43 Resp: 627583
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0





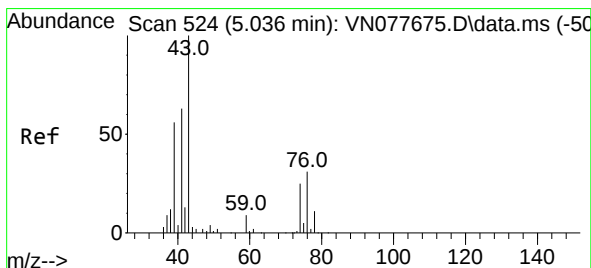
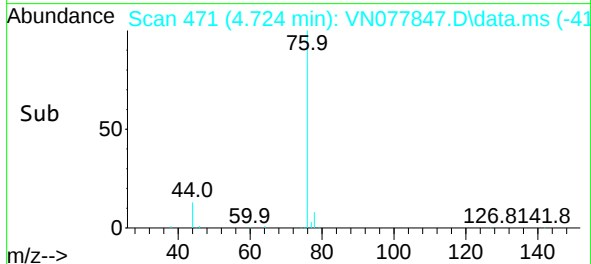
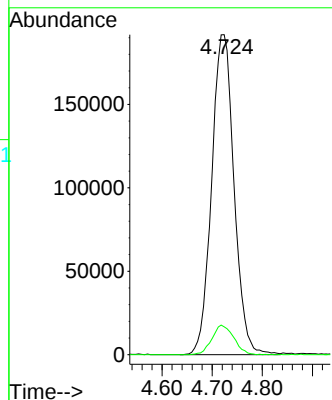
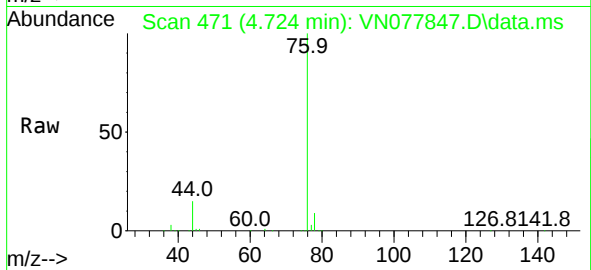
#17
Carbon Disulfide
Concen: 47.677 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 59527
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

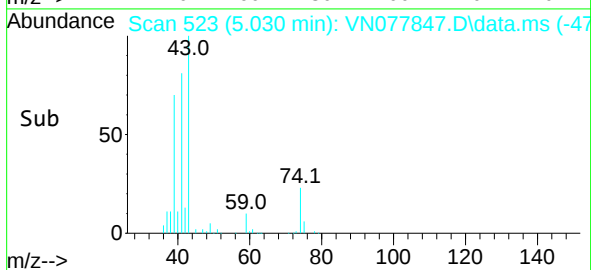
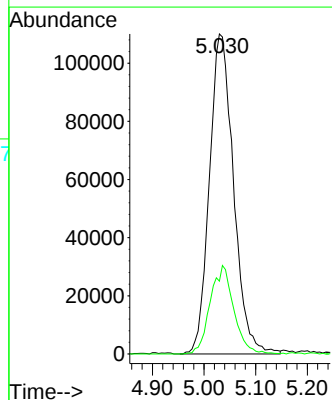
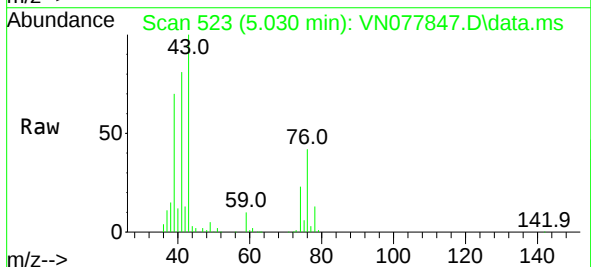
Manual Integrations
APPROVED

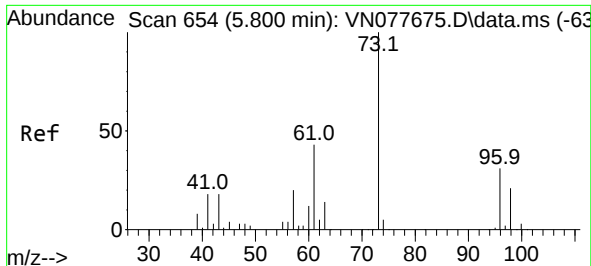
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 41.038 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

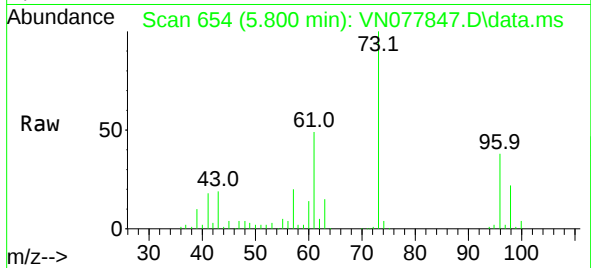
Tgt Ion: 43 Resp: 357060
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 46.076 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

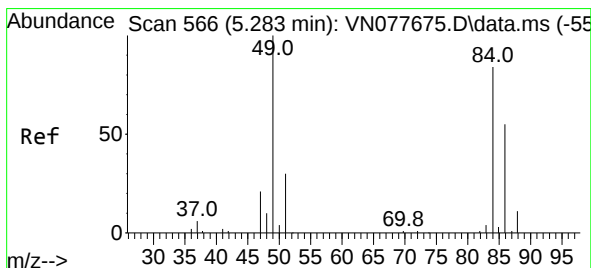
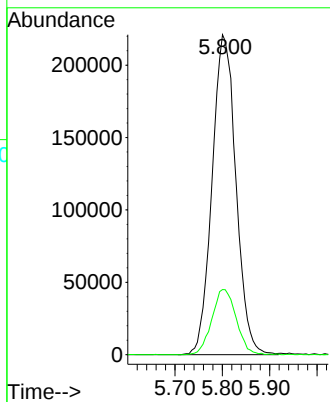
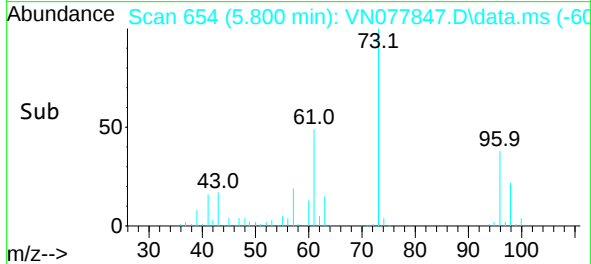
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 73 Resp: 772828
Ion Ratio Lower Upper
73 100
57 20.4 15.6 23.4

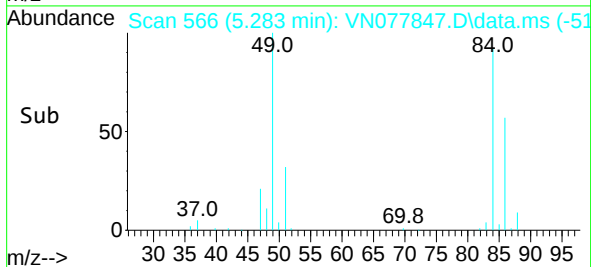
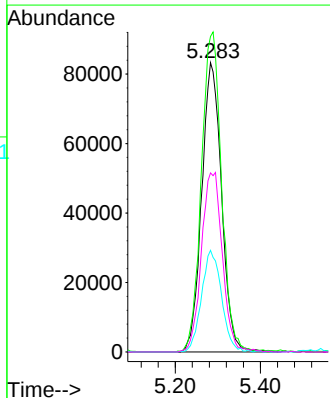
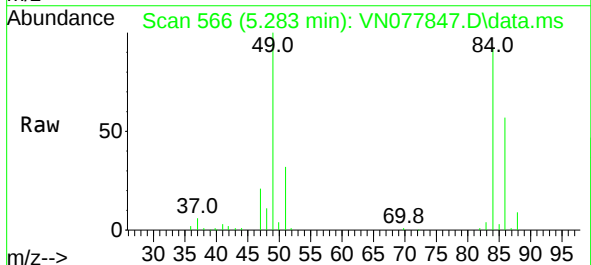
Manual Integrations
APPROVED

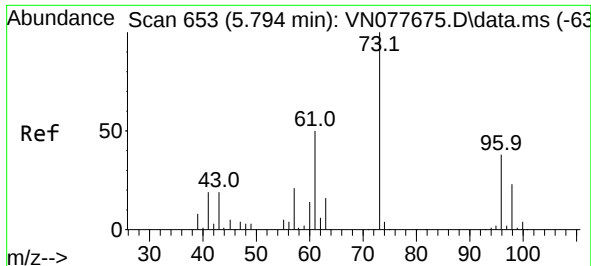
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 49.945 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

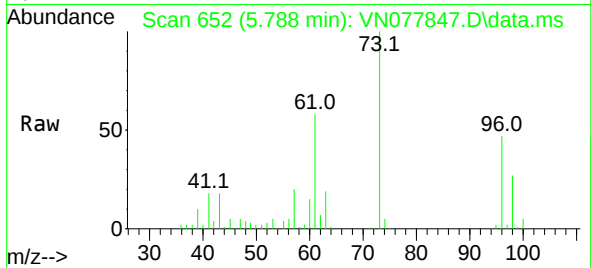
Tgt Ion: 84 Resp: 269624
Ion Ratio Lower Upper
84 100
49 108.7 79.7 119.5
51 35.1 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.410 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

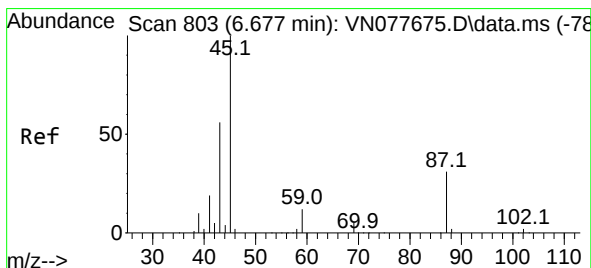
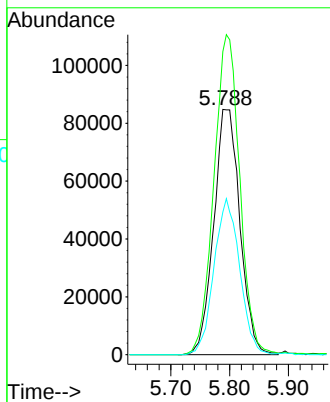
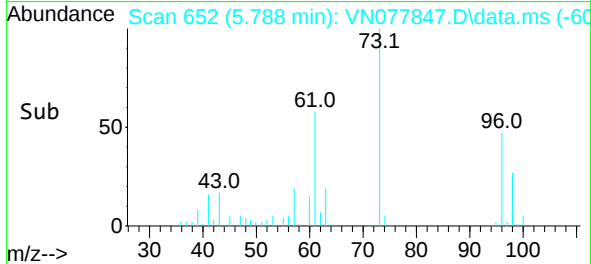
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 26239
Ion Ratio Lower Upper
96 100
61 123.5 90.1 135.1
98 58.1 46.4 69.6

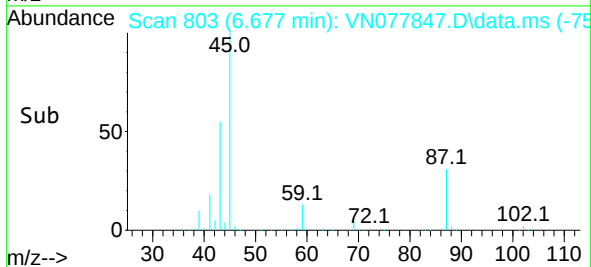
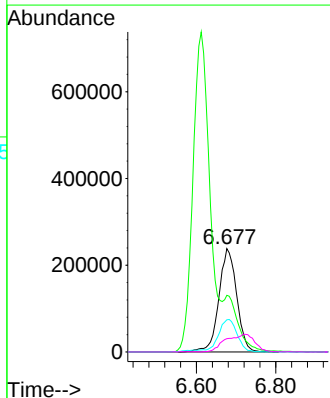
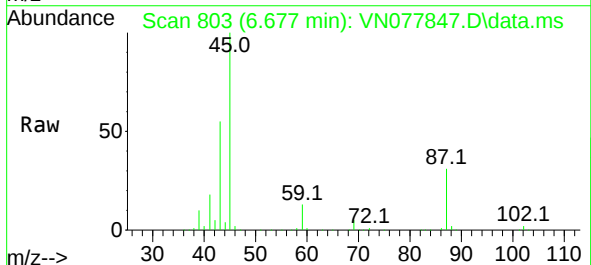
Manual Integrations
APPROVED

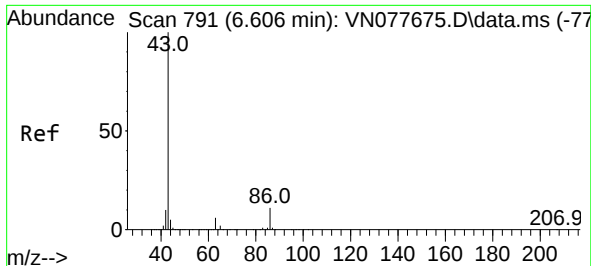
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 46.773 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

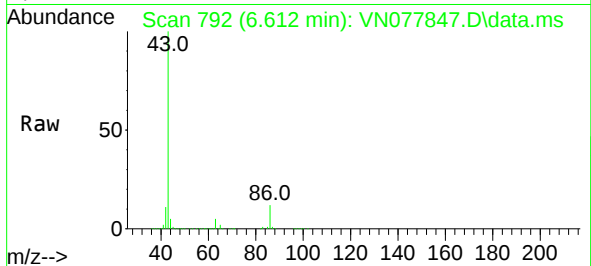
Tgt Ion: 45 Resp: 746314
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 31.0 31.8 47.8#
59 12.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 220.427 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

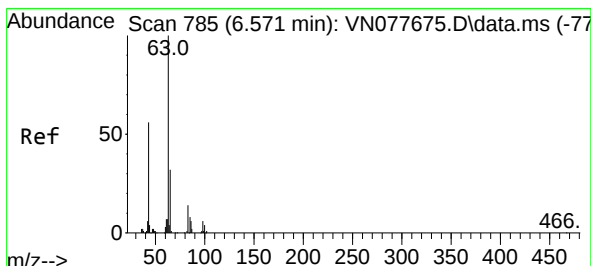
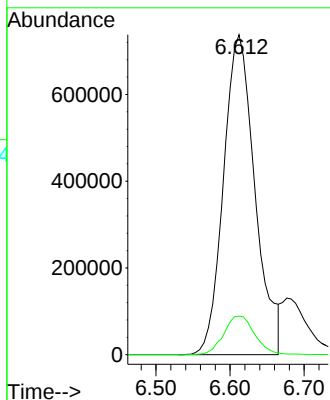
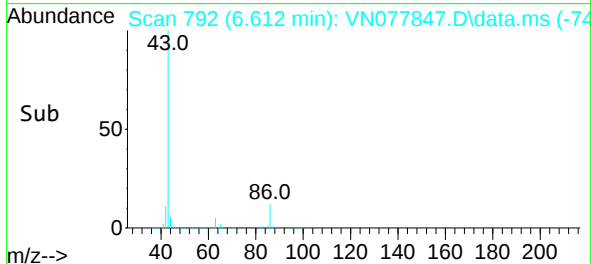
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 217914
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6

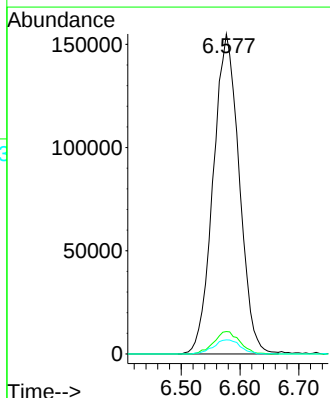
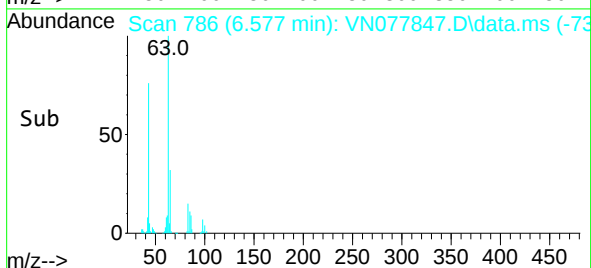
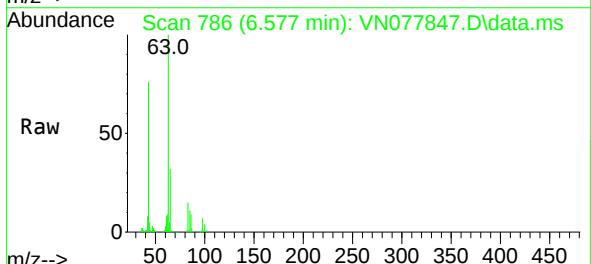
Manual Integrations
 APPROVED

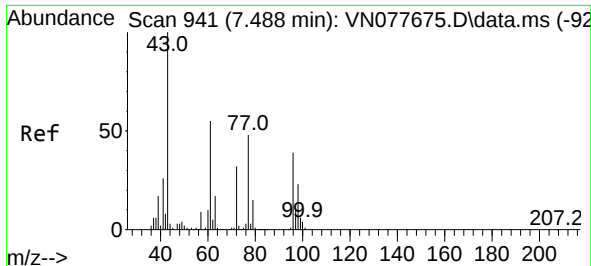
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#24
 1,1-Dichloroethane
 Concen: 48.709 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

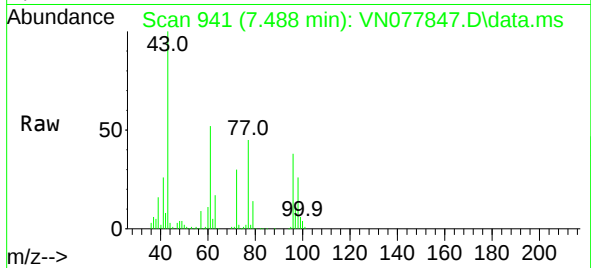
Tgt Ion: 63 Resp: 476144
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 234.559 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

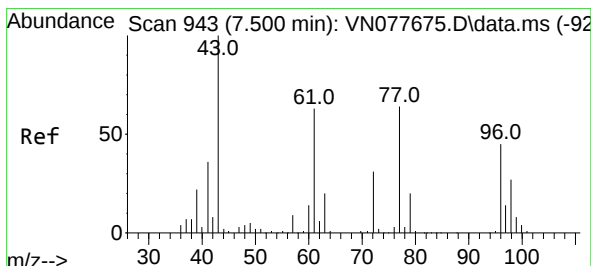
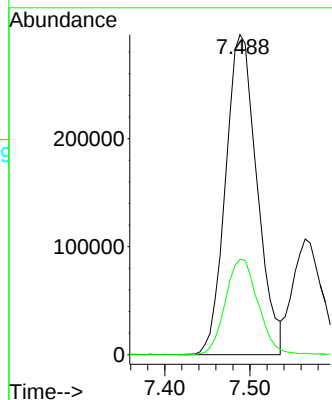
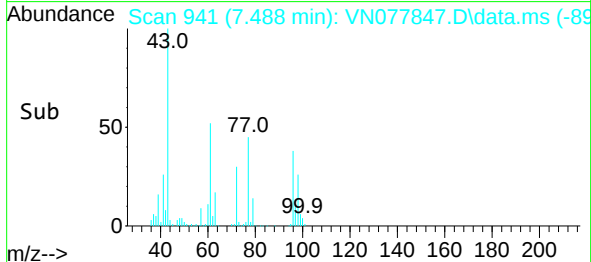
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



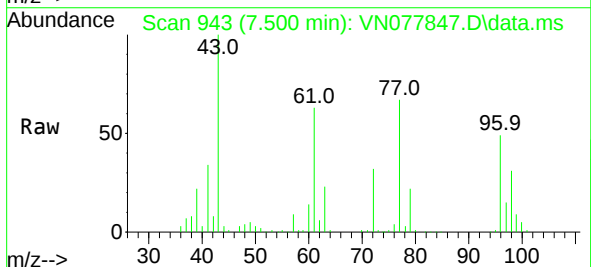
Tgt Ion: 43 Resp: 760985
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2

Manual Integrations
APPROVED

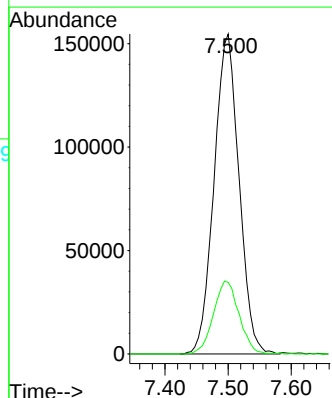
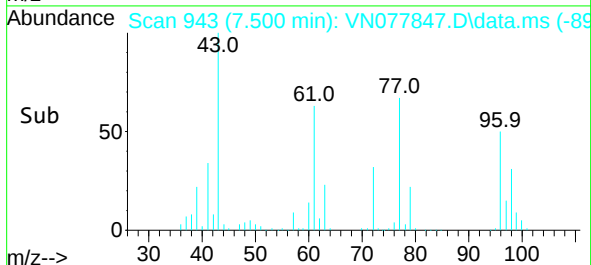
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

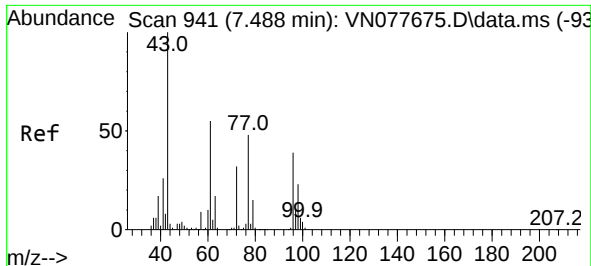


#26
2,2-Dichloropropane
Concen: 51.095 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



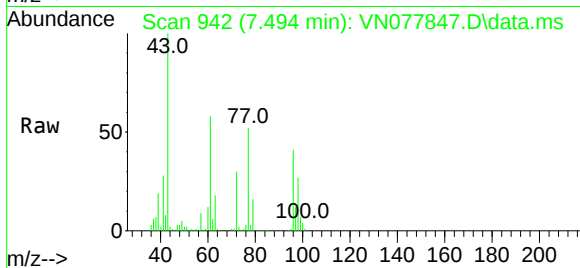
Tgt Ion: 77 Resp: 424343
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.207 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

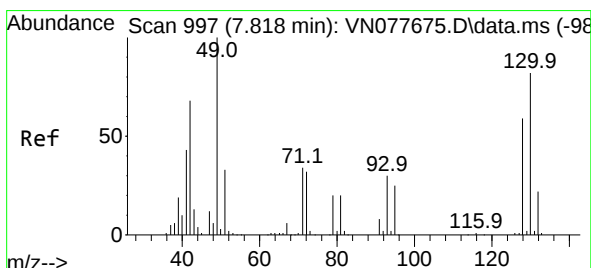
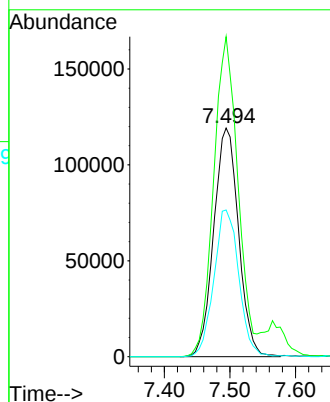
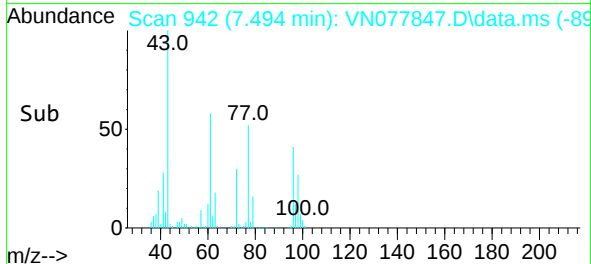
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 313354
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 255.2
 98 64.4 0.0 128.8

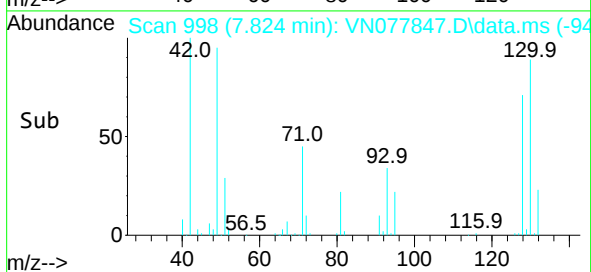
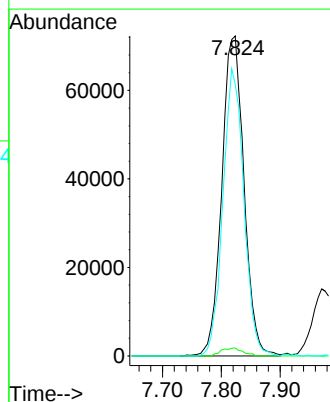
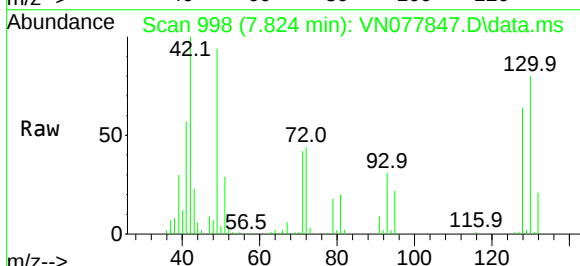
Manual Integrations
 APPROVED

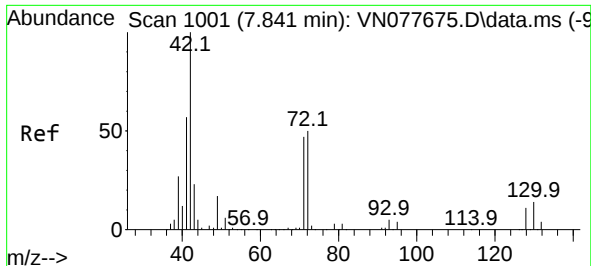
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#28
 Bromochloromethane
 Concen: 44.799 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

Tgt Ion: 49 Resp: 189395
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 194.317 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077847.D

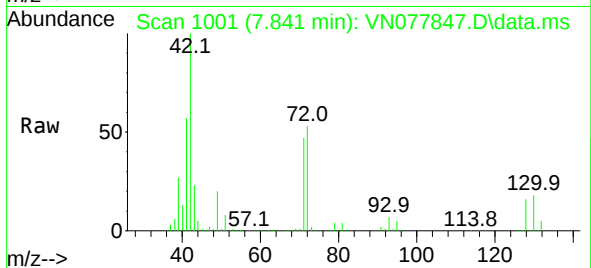
Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 412799

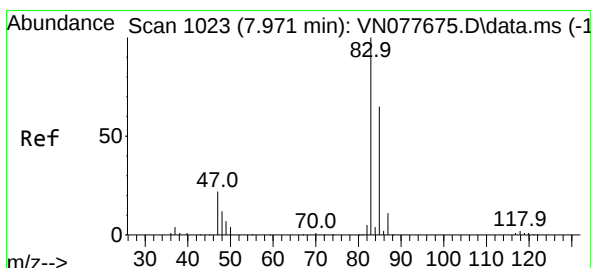
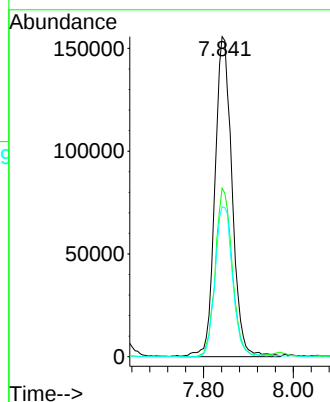
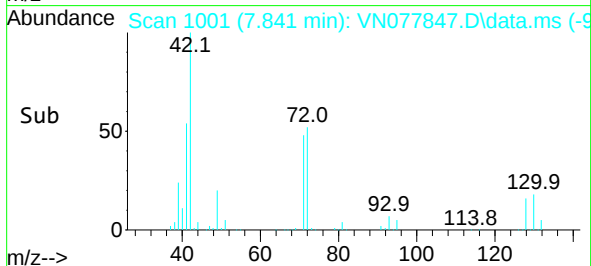
Ion	Ratio	Lower	Upper
42	100		
72	51.9	49.8	74.6
71	47.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 47.968 ug/l

RT: 7.971 min Scan# 1023

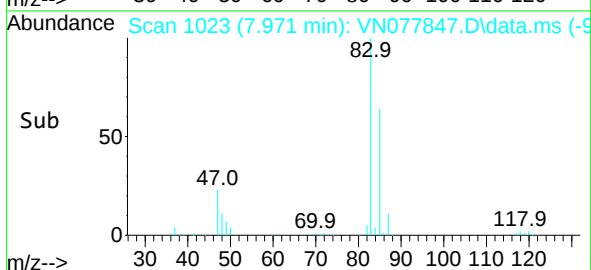
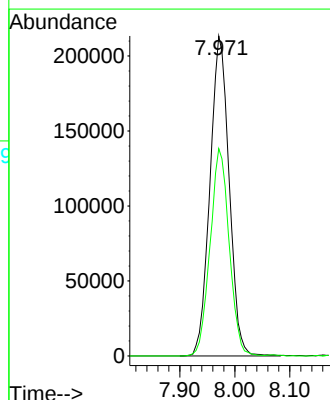
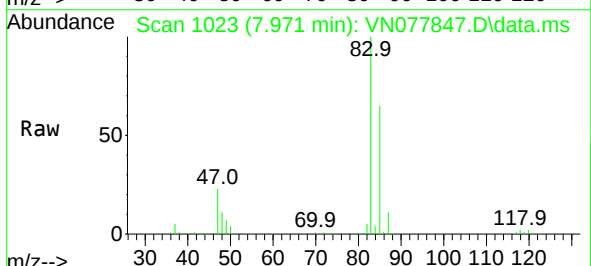
Delta R.T. -0.000 min

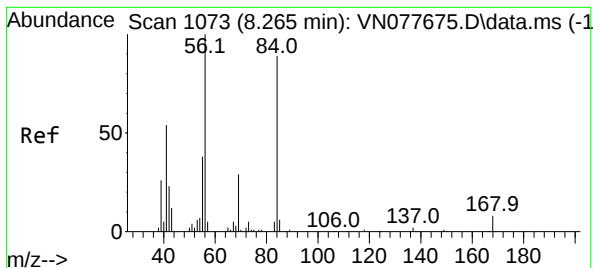
Lab File: VN077847.D

Acq: 24 May 2023 11:22

Tgt Ion: 83 Resp: 515811

Ion	Ratio	Lower	Upper
83	100		
85	64.8	55.4	83.0





#31

Cyclohexane

Concen: 45.071 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077847.D

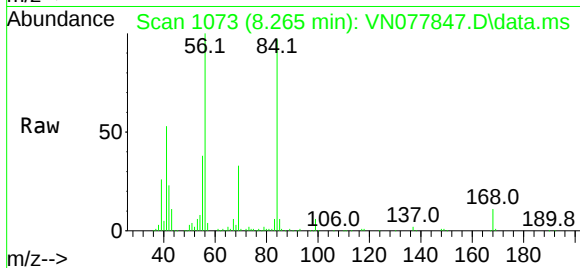
Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 40381

Ion Ratio Lower Upper

56 100

69 33.1 26.8 40.2

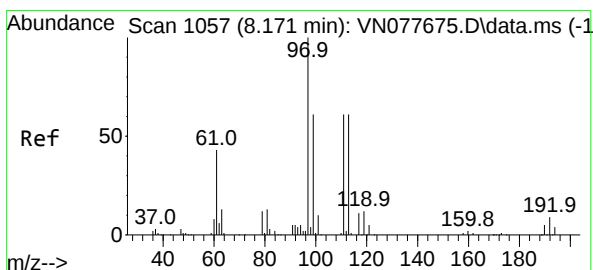
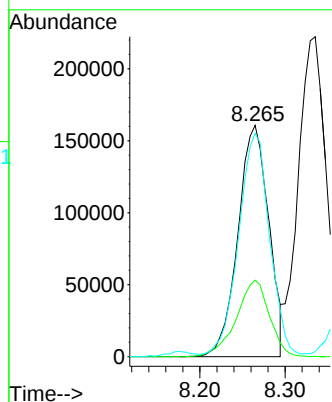
84 94.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#32

1,1,1-Trichloroethane

Concen: 51.253 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

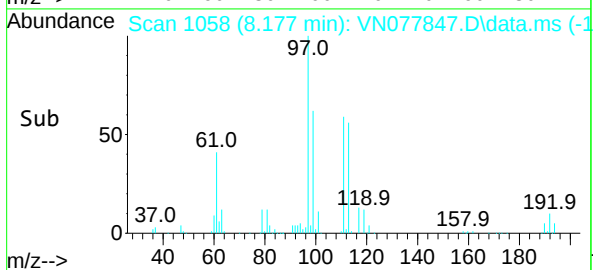
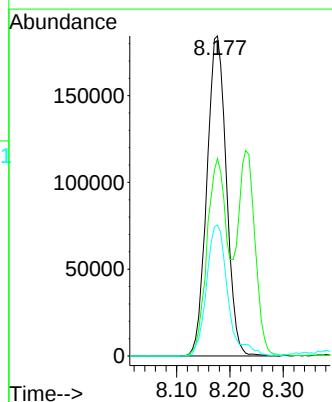
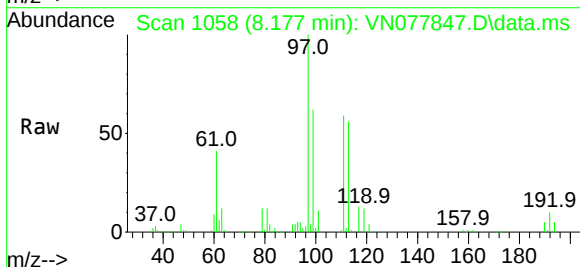
Tgt Ion: 97 Resp: 468571

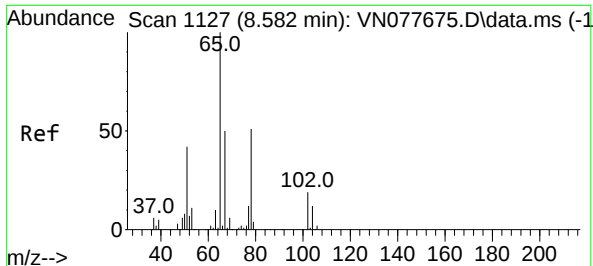
Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 44.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 43.856 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28910

Ion Ratio Lower Upper

65 100

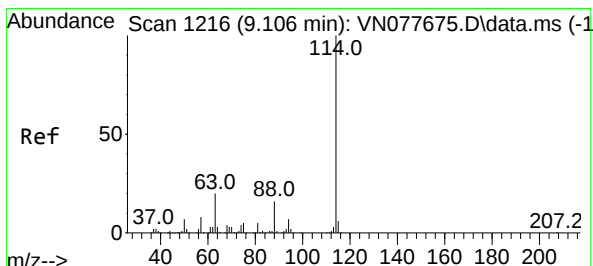
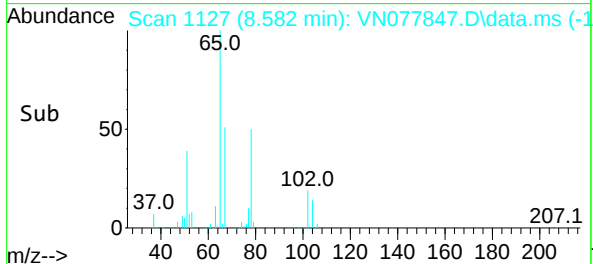
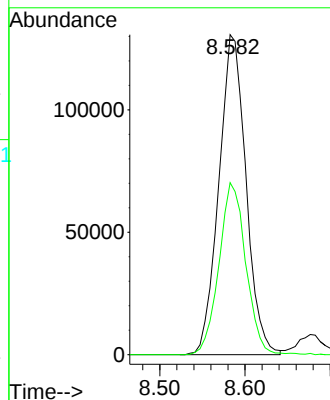
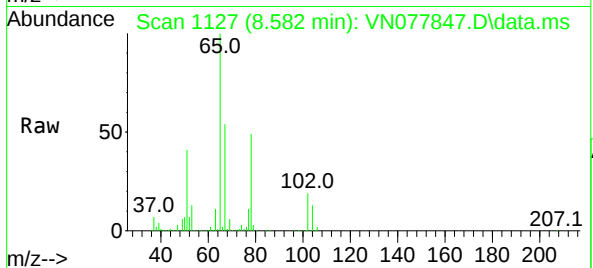
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

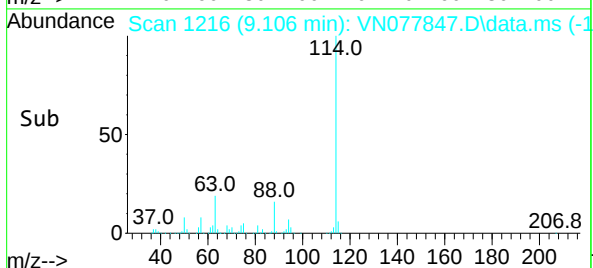
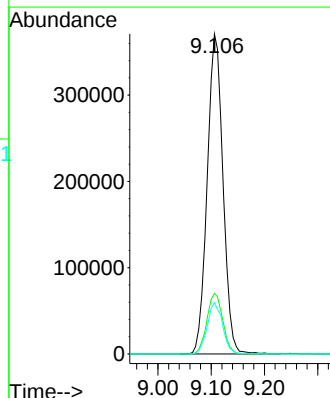
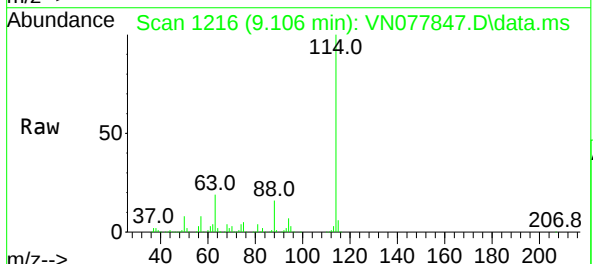
Tgt Ion:114 Resp: 763315

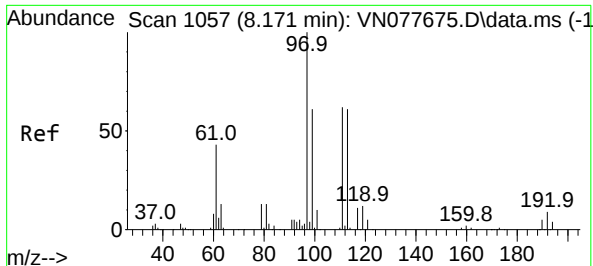
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.502 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 256349

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

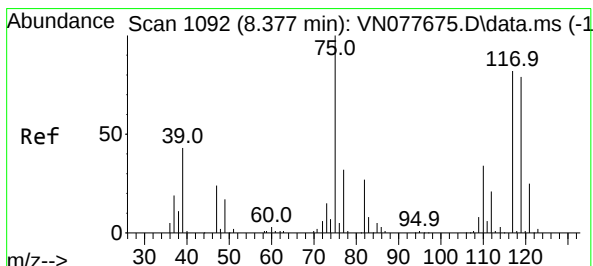
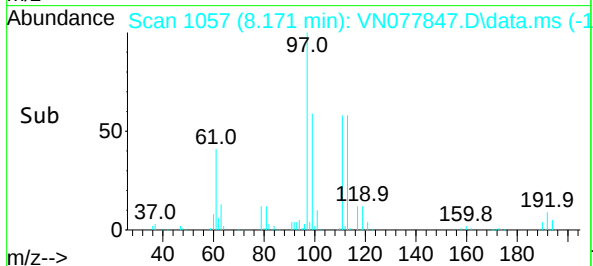
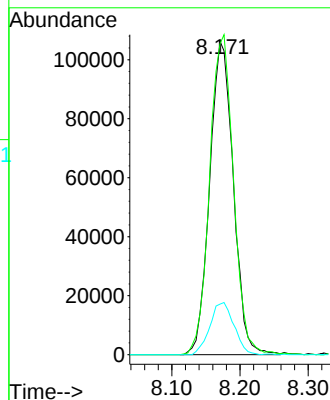
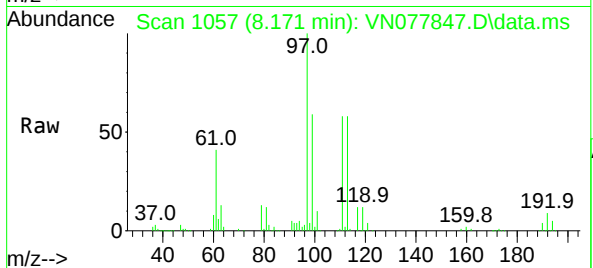
192 17.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 53.459 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

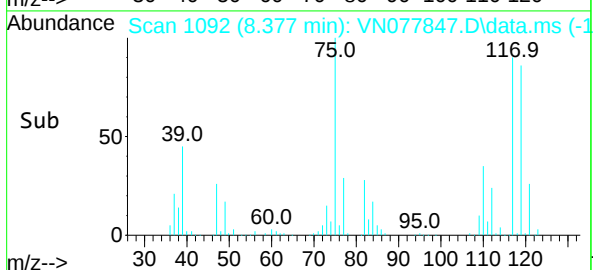
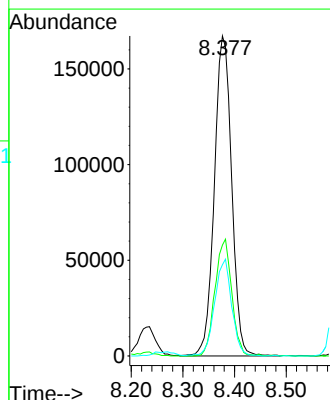
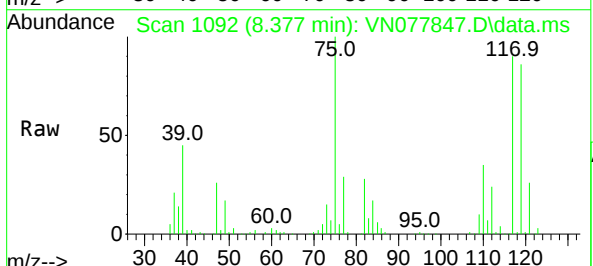
Tgt Ion: 75 Resp: 389202

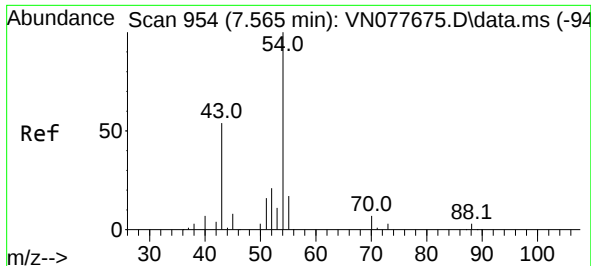
Ion Ratio Lower Upper

75 100

110 35.4 19.1 57.3

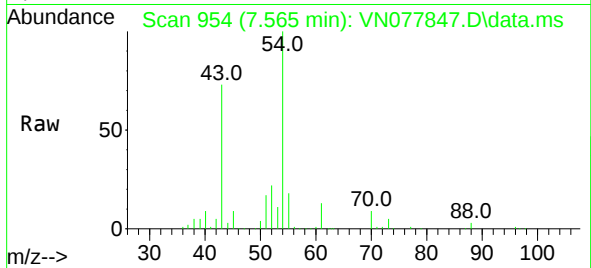
77 29.9 25.0 37.4





#37
Ethyl Acetate
Concen: 40.897 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

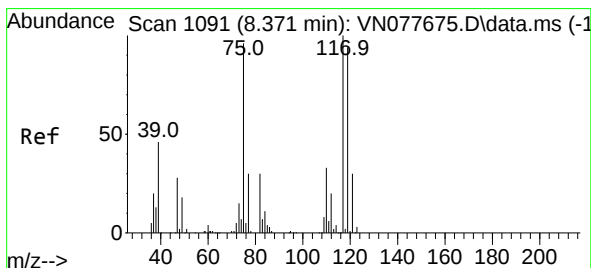
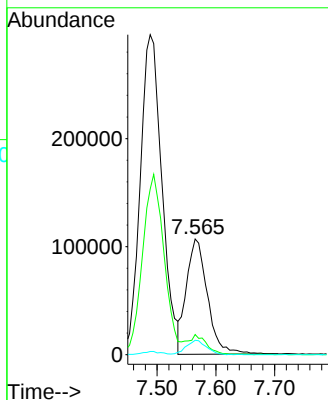
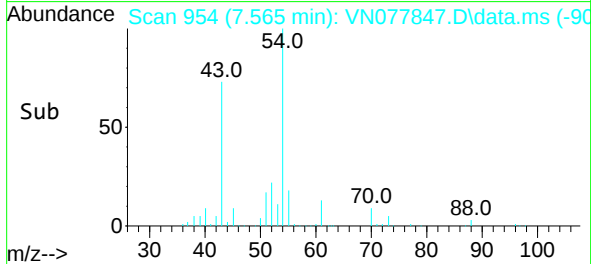
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 265384
Ion Ratio Lower Upper
43 100
61 11.8 13.2 19.8
70 12.0 11.3 16.9

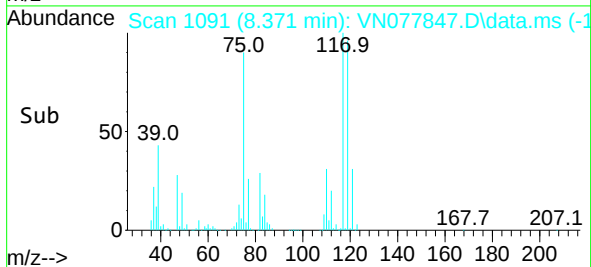
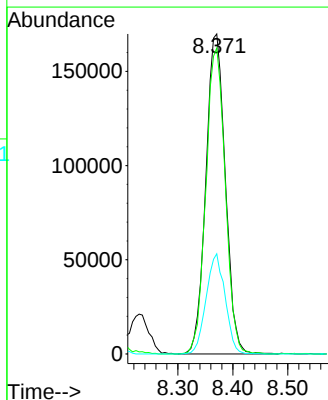
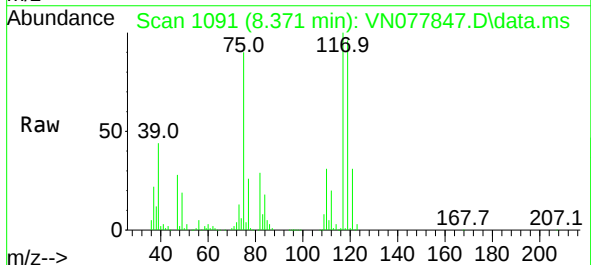
Manual Integrations
APPROVED

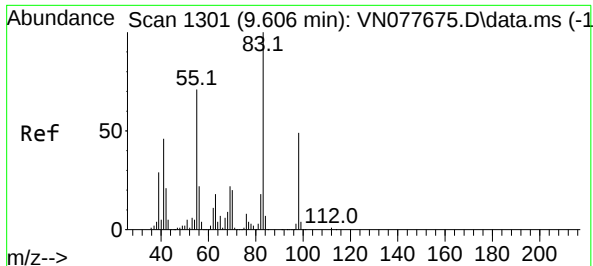
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 56.868 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Tgt Ion:117 Resp: 418071
Ion Ratio Lower Upper
117 100
119 95.6 77.3 115.9
121 31.3 23.3 34.9





#39

Methylcyclohexane

Concen: 55.528 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

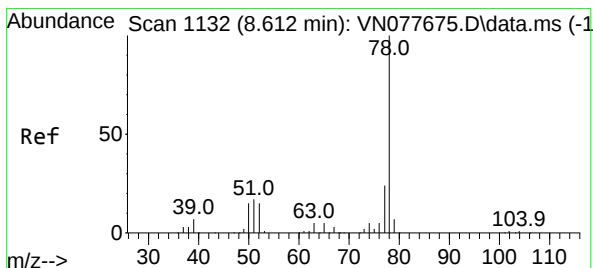
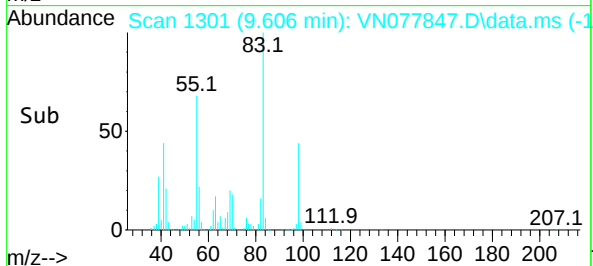
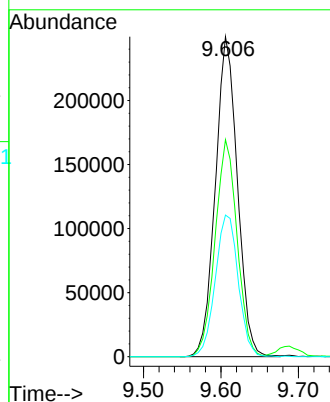
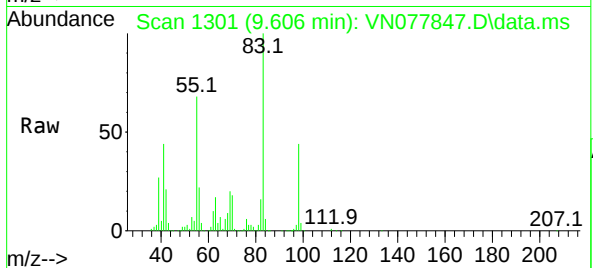
Tgt Ion:	83	Resp:	494925
Ion Ratio	Lower	Upper	
83	100		
55	67.8	49.1	73.7
98	44.2	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 52.701 ug/l

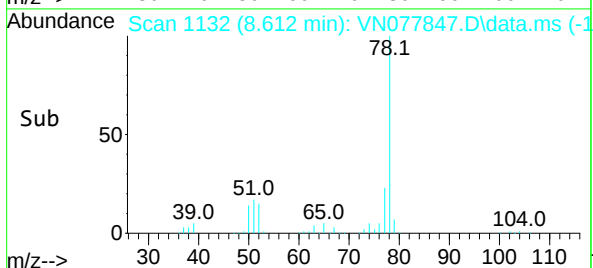
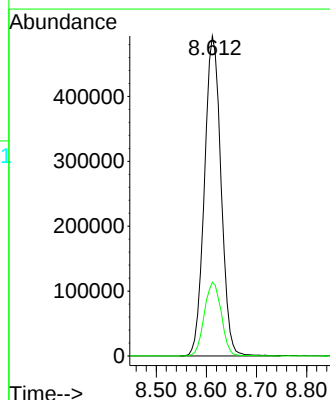
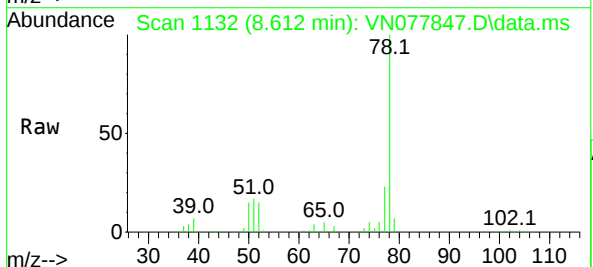
RT: 8.612 min Scan# 1132

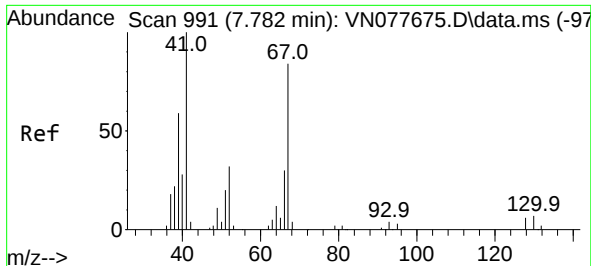
Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

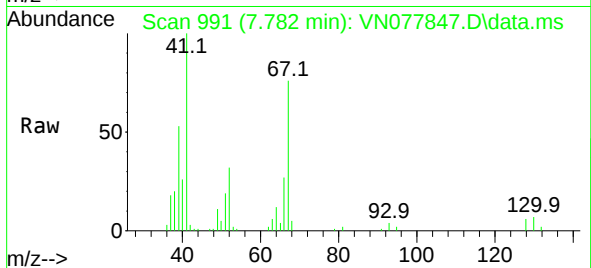
Tgt Ion:	78	Resp:	1132224
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.0	28.6





#41
Methacrylonitrile
Concen: 42.523 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

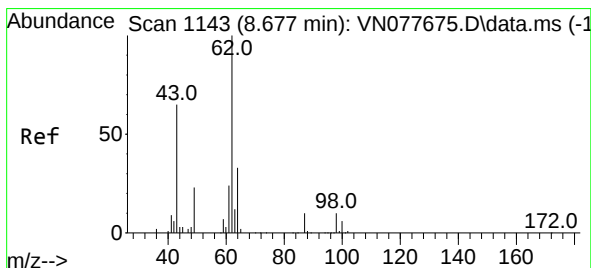
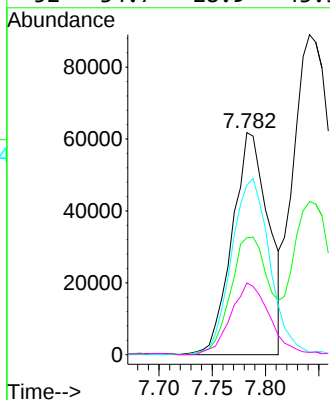
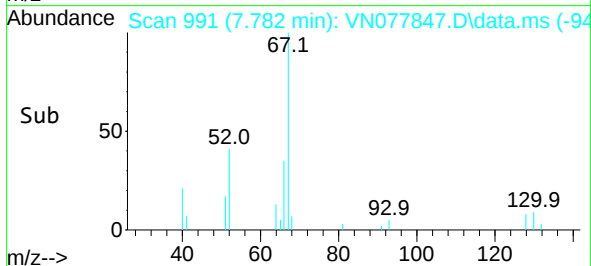
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



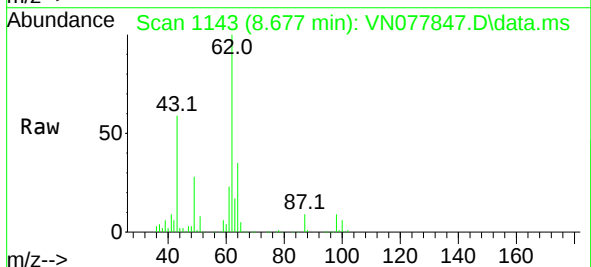
Tgt Ion: 41 Resp: 146952
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 83.7 77.5 116.3
52 34.7 28.9 43.3

Manual Integrations
APPROVED

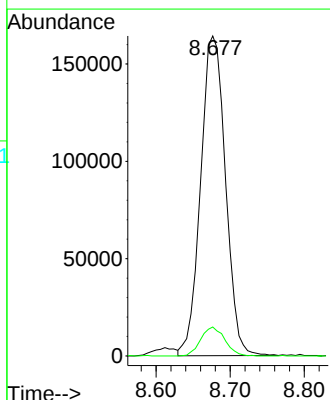
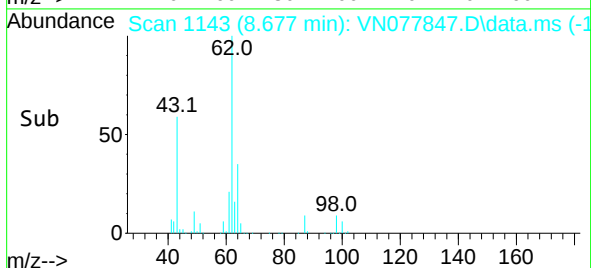
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

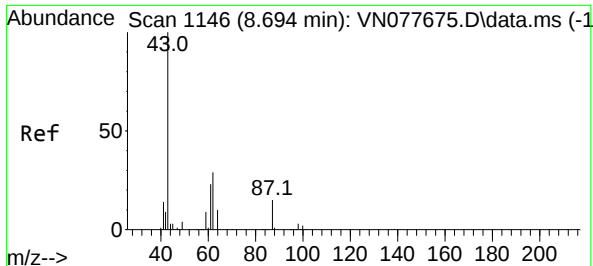


#42
1,2-Dichloroethane
Concen: 49.102 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



Tgt Ion: 62 Resp: 383201
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 45.869 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

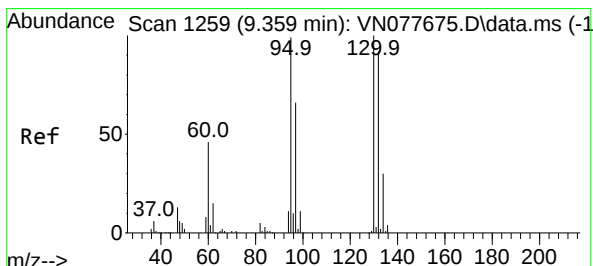
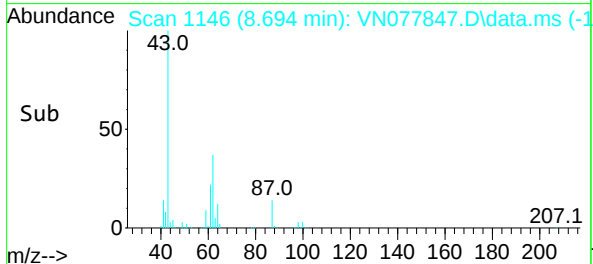
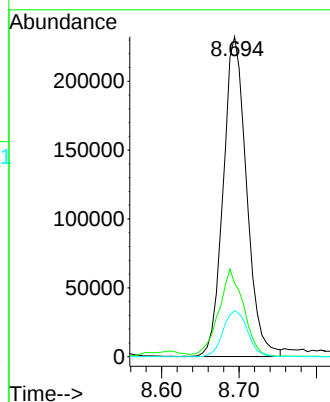
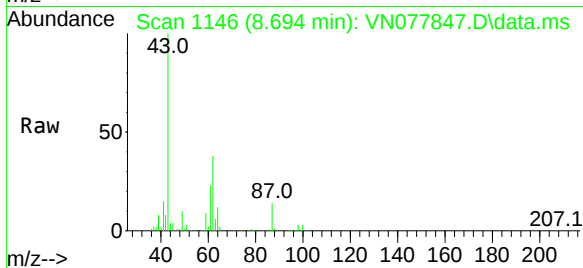
Tgt Ion:	43	Resp:	48617
Ion Ratio	Lower	Upper	
43	100		
61	29.2	24.7	37.1
87	15.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 55.500 ug/l

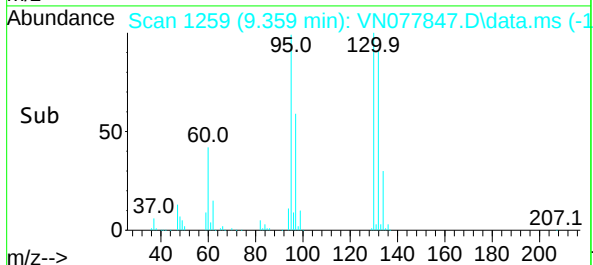
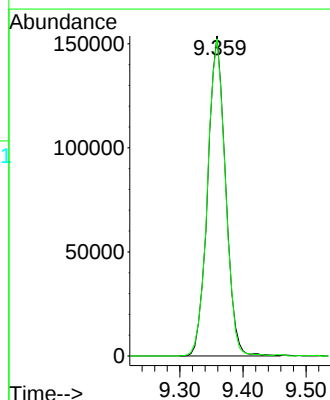
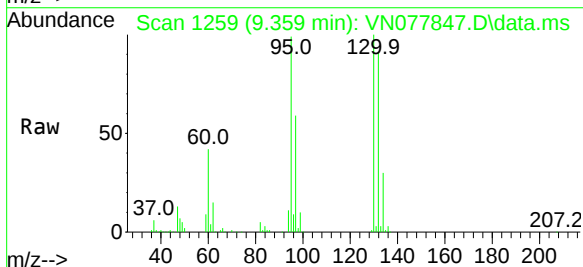
RT: 9.359 min Scan# 1259

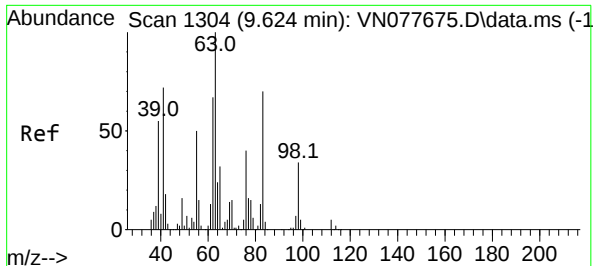
Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Tgt Ion:	130	Resp:	301918
Ion Ratio	Lower	Upper	
130	100		
95	99.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.388 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 28160

Ion Ratio Lower Upper

63 100

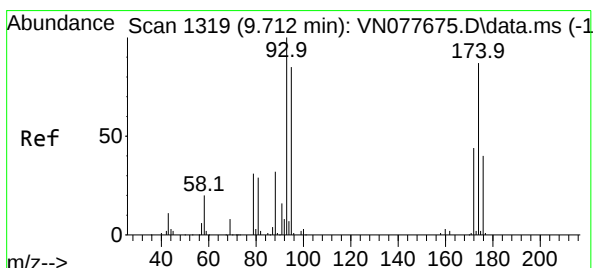
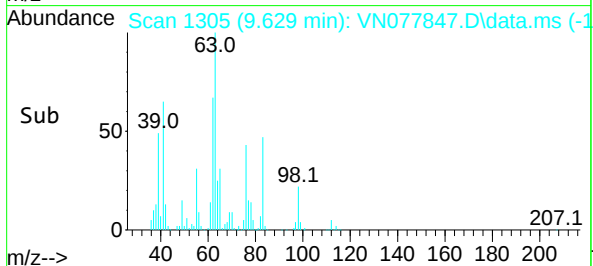
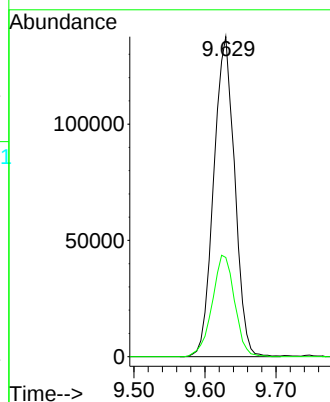
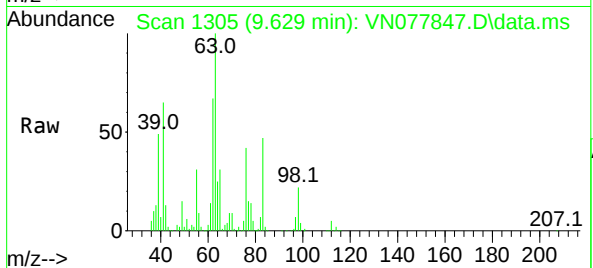
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 50.873 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

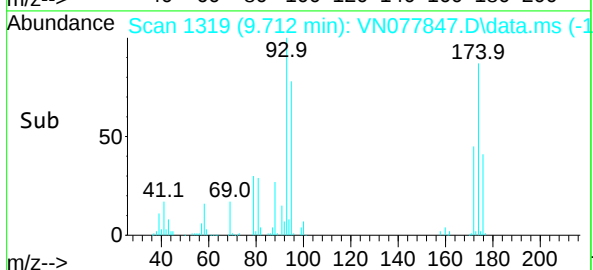
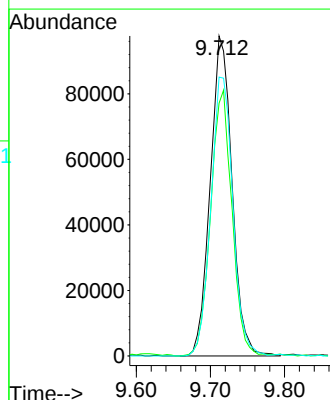
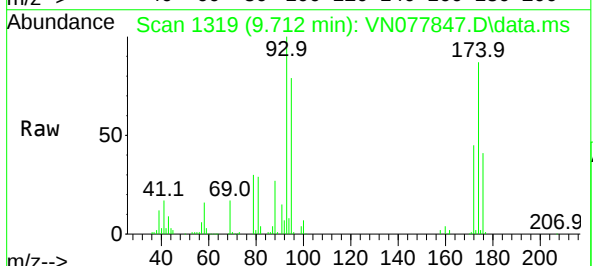
Tgt Ion: 93 Resp: 199490

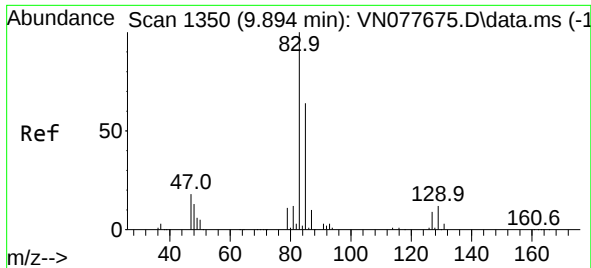
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

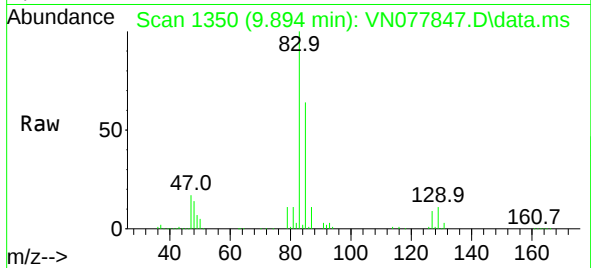
174 88.2 65.6 98.4





#47
Bromodichloromethane
Concen: 53.463 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

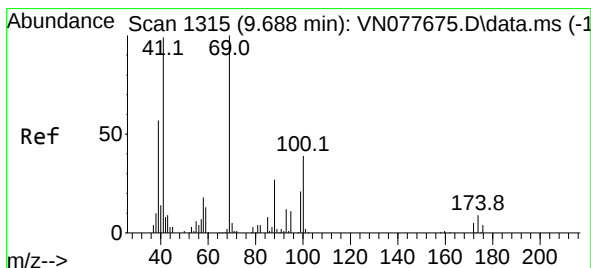
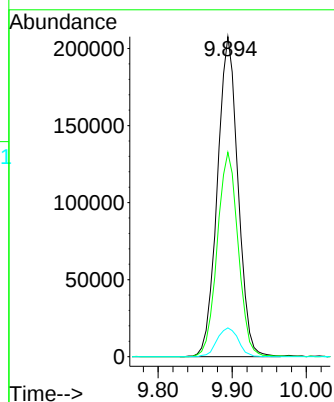
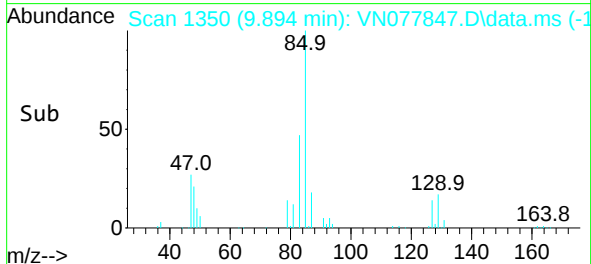
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



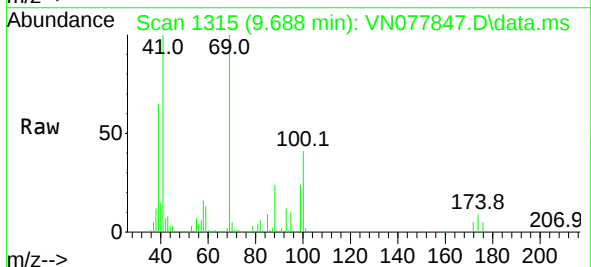
Tgt Ion: 83 Resp: 40136
Ion Ratio Lower Upper
83 100
85 63.9 49.6 74.4
127 9.0 7.0 10.6

Manual Integrations
APPROVED

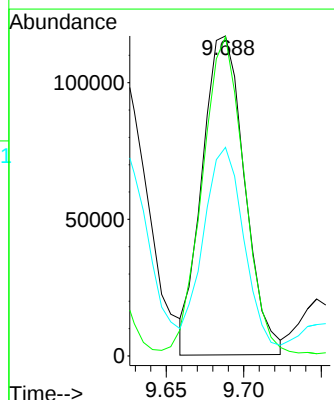
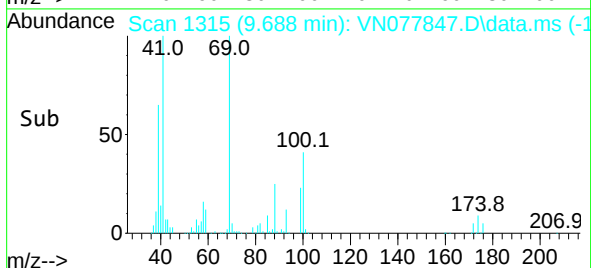
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

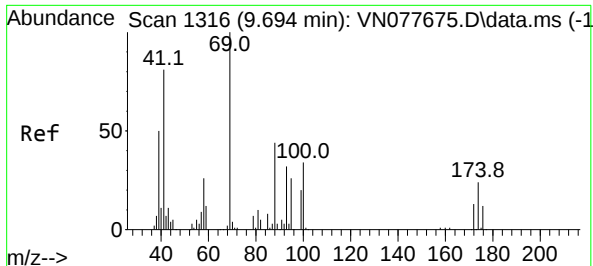


#48
Methyl methacrylate
Concen: 44.323 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



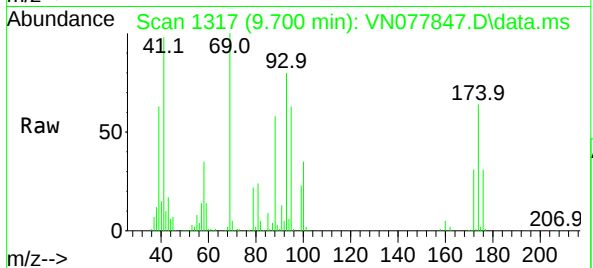
Tgt Ion: 41 Resp: 222737
Ion Ratio Lower Upper
41 100
69 99.6 90.4 135.6
39 64.0 54.6 81.8





#49
1,4-Dioxane
Concen: 892.872 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

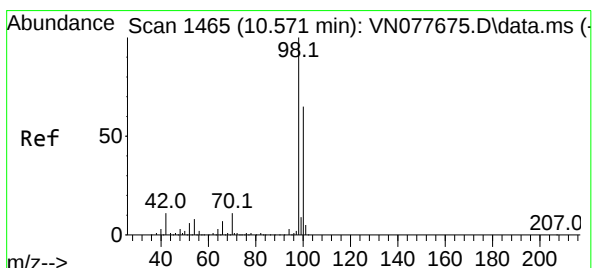
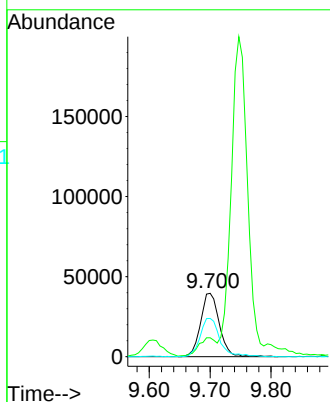
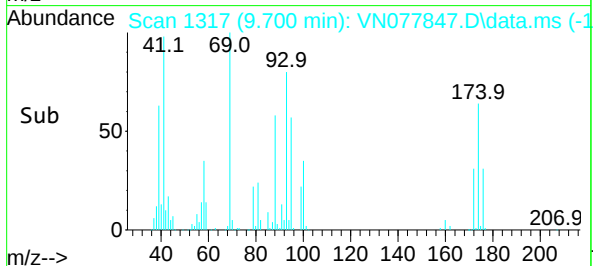
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 84740
Ion Ratio Lower Upper
88 100
43 27.2 17.0 25.6
58 63.5 47.0 70.4

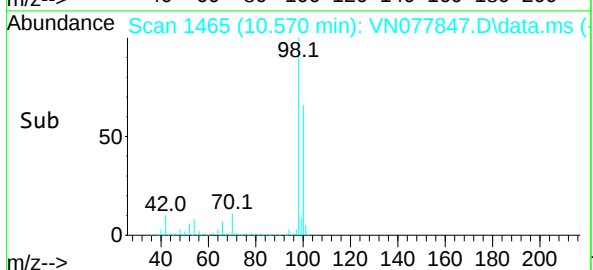
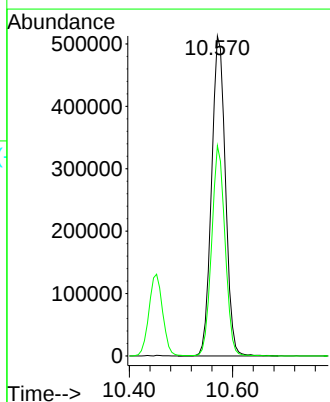
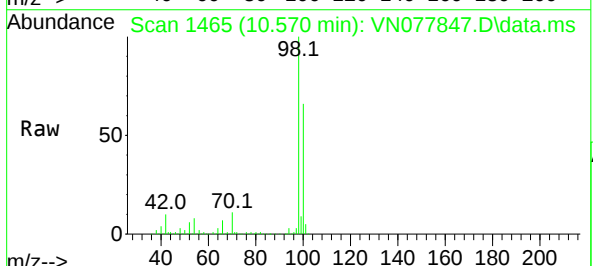
Manual Integrations
APPROVED

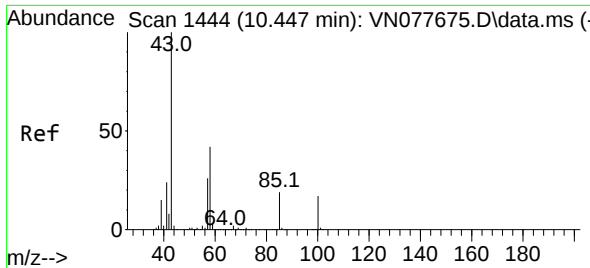
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
Toluene-d8
Concen: 49.728 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

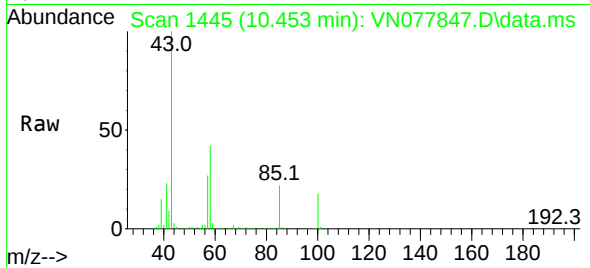
Tgt Ion: 98 Resp: 952733
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 218.041 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

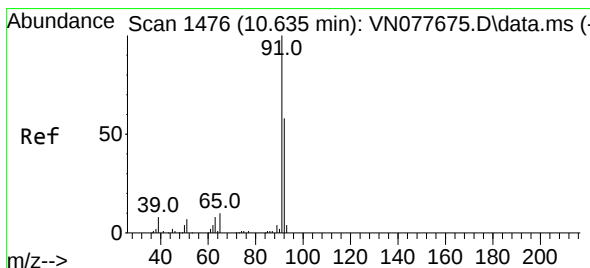
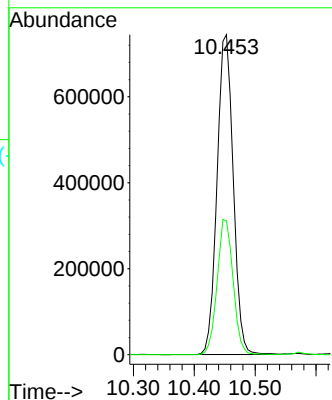
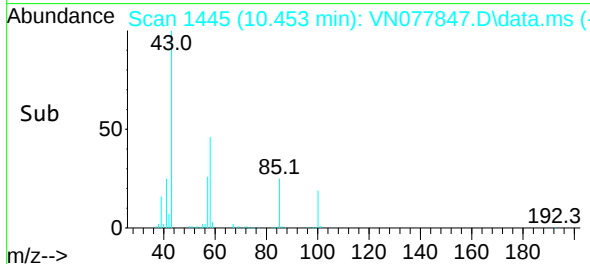
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1373719
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8

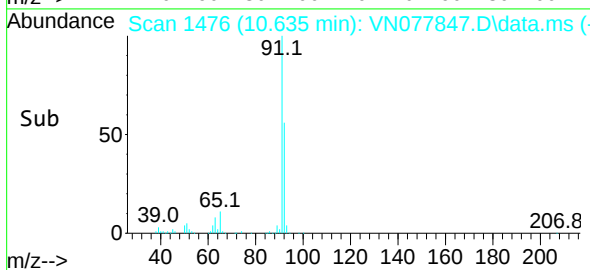
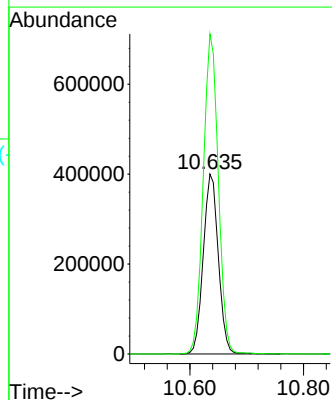
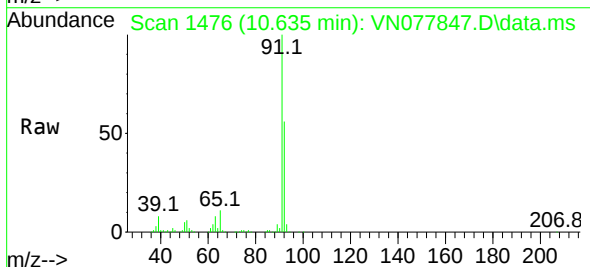
Manual Integrations
APPROVED

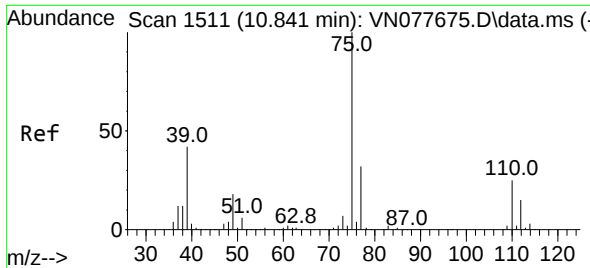
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 54.947 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

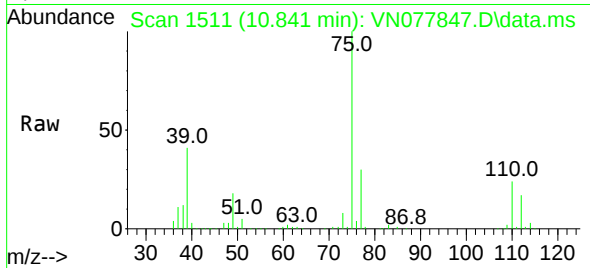
Tgt Ion: 92 Resp: 734916
Ion Ratio Lower Upper
92 100
91 177.7 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 53.179 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

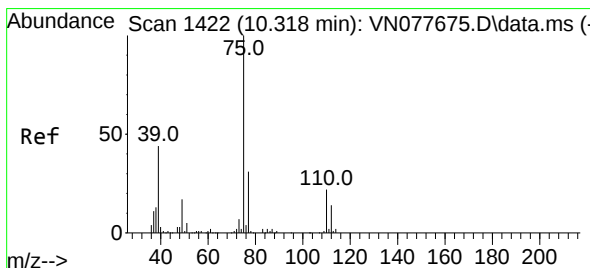
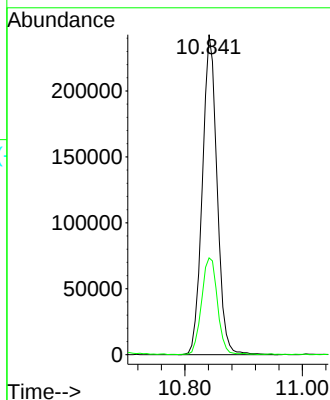
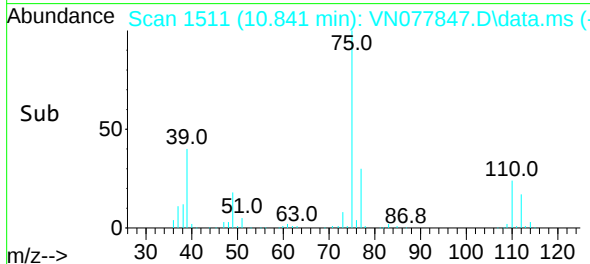
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 422773
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0

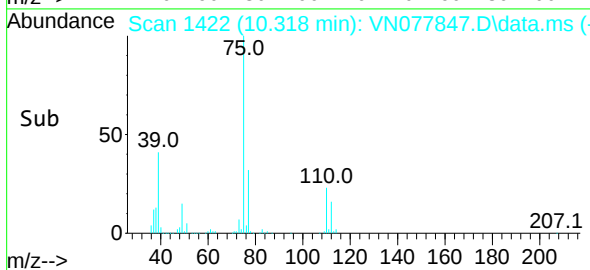
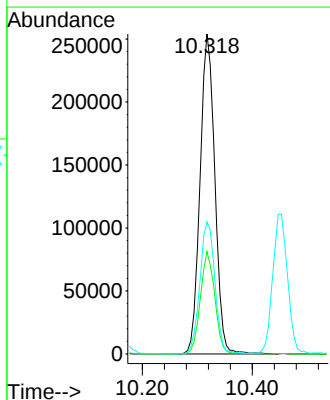
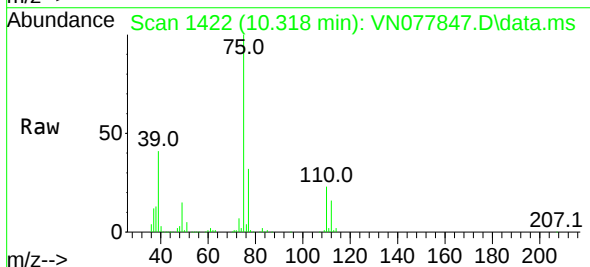
Manual Integrations
 APPROVED

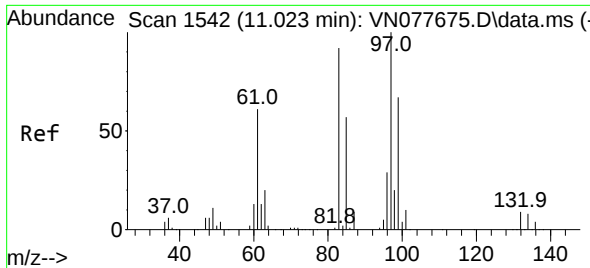
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.265 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

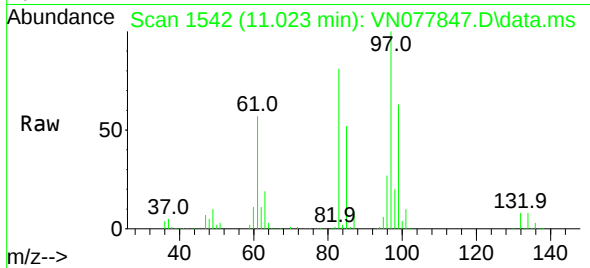
Tgt Ion: 75 Resp: 475416
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 41.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.602 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

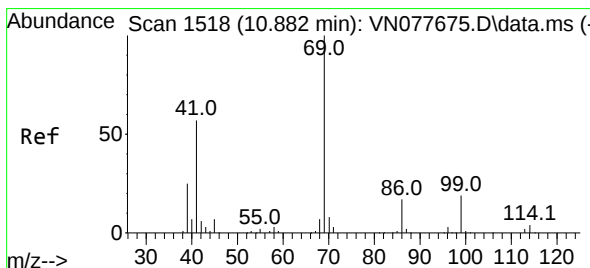
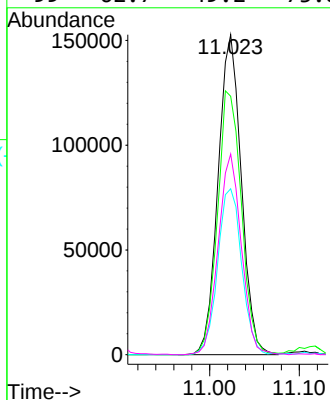
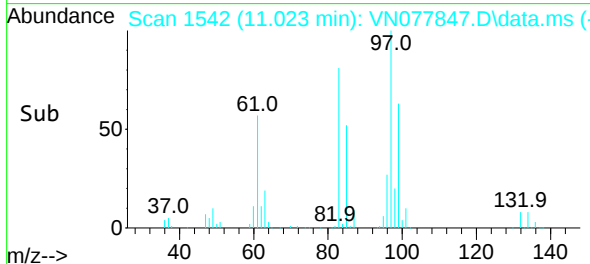
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	27404
Ion Ratio	Lower	Upper	
97	100		
83	80.7	65.1	97.7
85	51.9	43.4	65.2
99	62.7	49.2	73.8

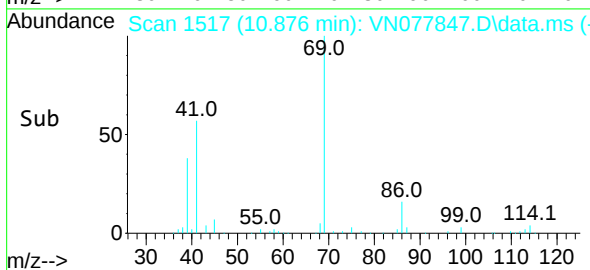
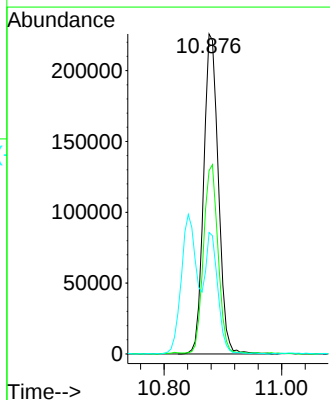
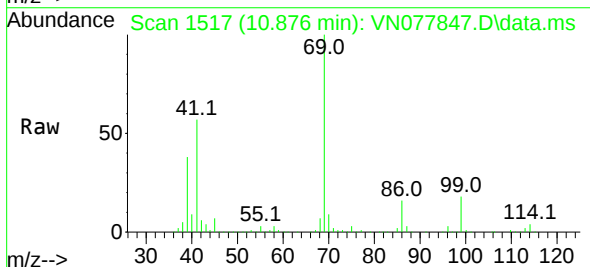
Manual Integrations
APPROVED

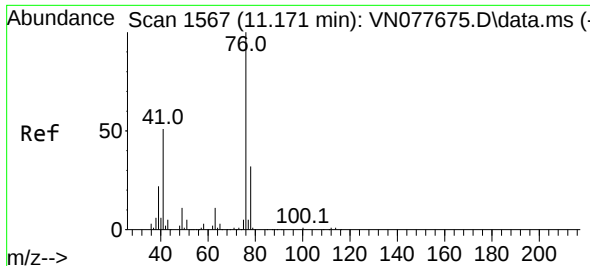
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 48.745 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

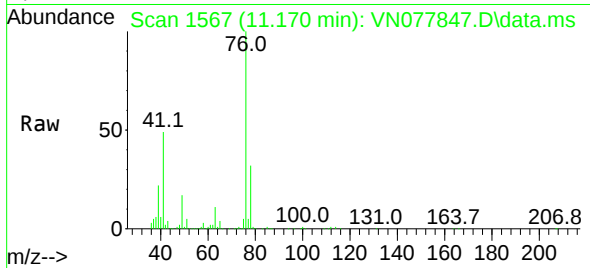
Tgt Ion:	69	Resp:	391407
Ion Ratio	Lower	Upper	
69	100		
41	57.8	39.6	59.4
39	31.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 50.985 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

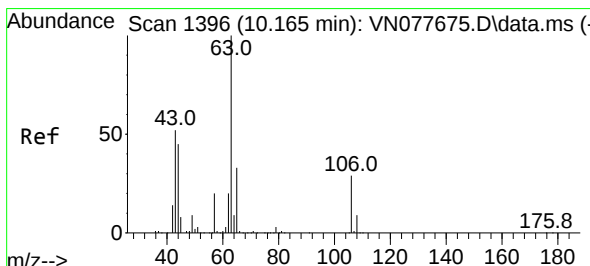
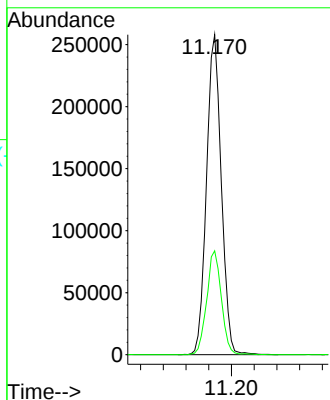
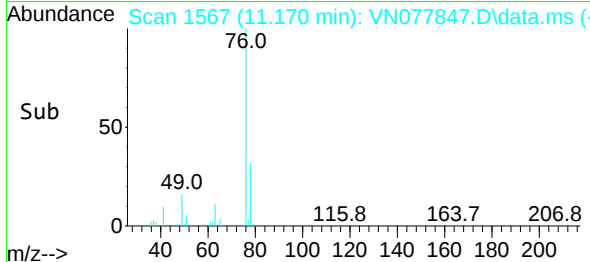
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 464180
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

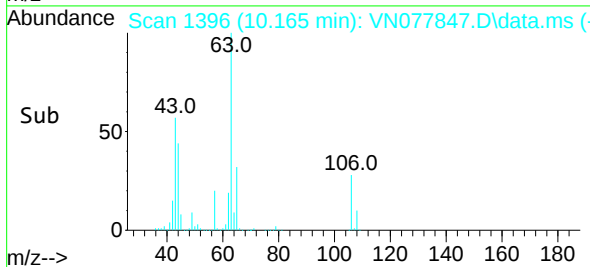
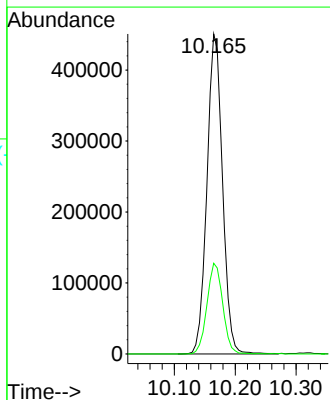
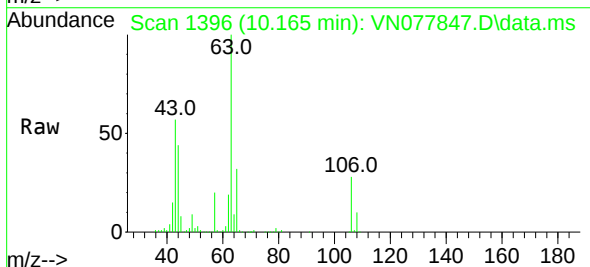
Manual Integrations
APPROVED

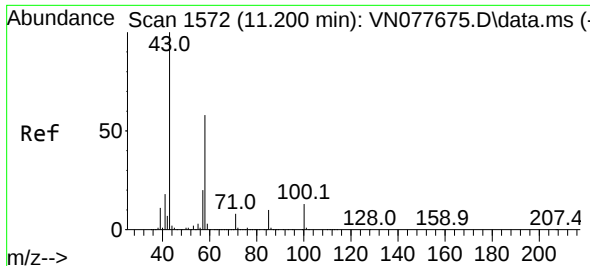
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 202.324 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

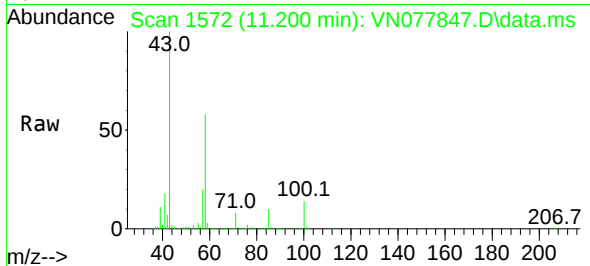
Tgt Ion: 63 Resp: 799238
Ion Ratio Lower Upper
63 100
106 28.8 26.2 39.4





#59
2-Hexanone
Concen: 229.562 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

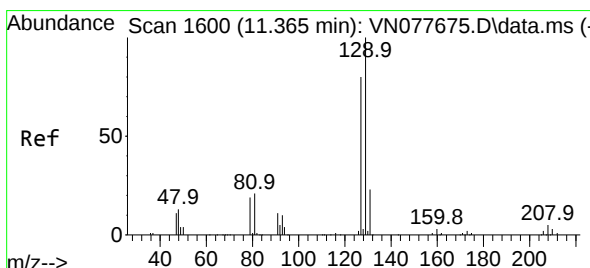
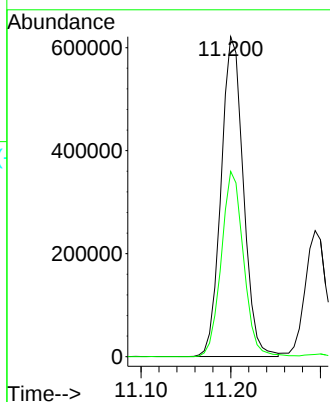
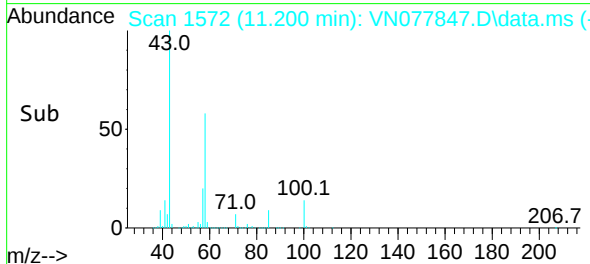
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 106977
Ion Ratio Lower Upper
43 100
58 57.9 31.7 95.1

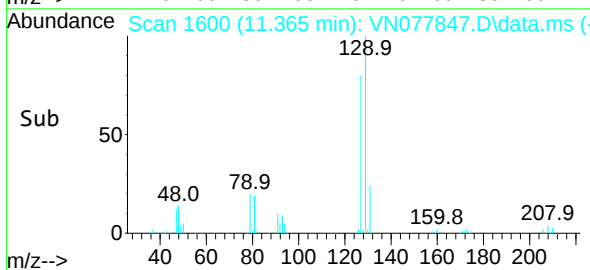
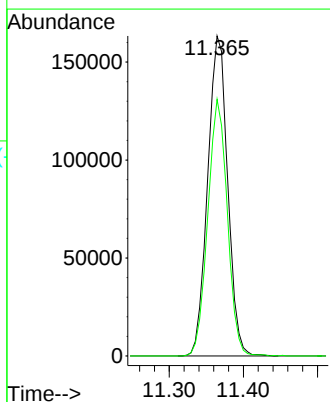
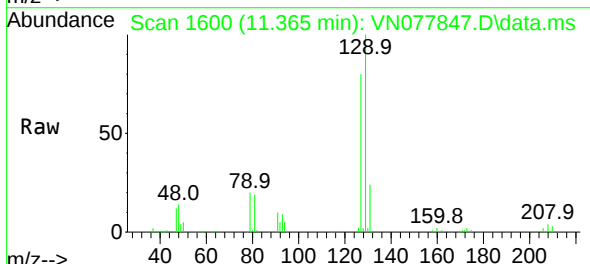
Manual Integrations
APPROVED

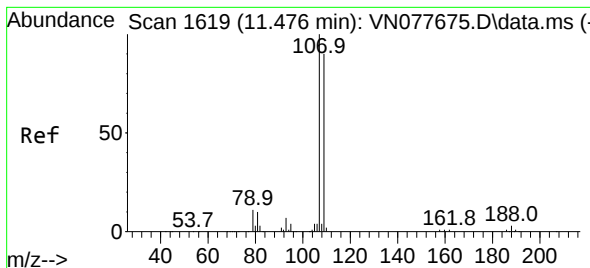
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 55.812 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

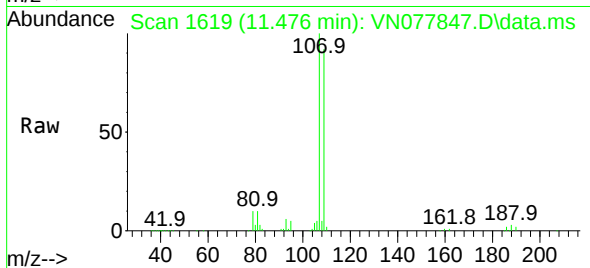
Tgt Ion:129 Resp: 305988
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.241 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

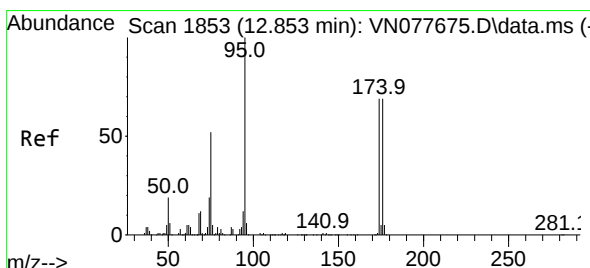
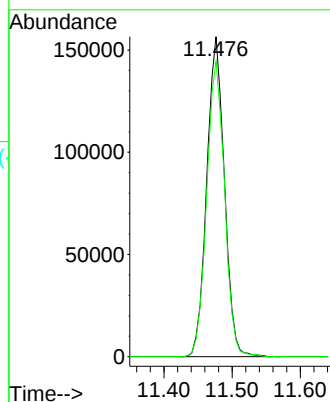
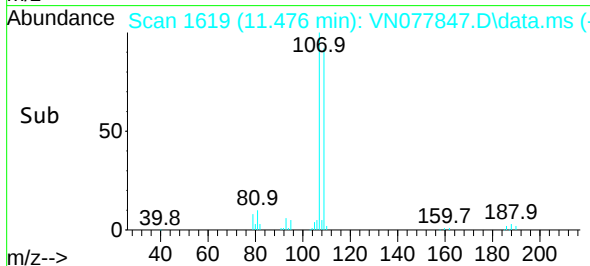
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



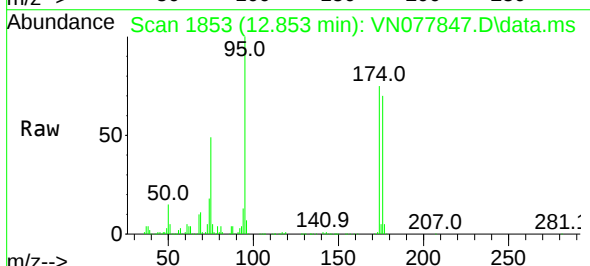
Tgt Ion:107 Resp: 282070
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

Manual Integrations
APPROVED

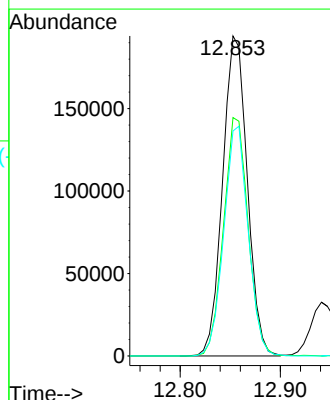
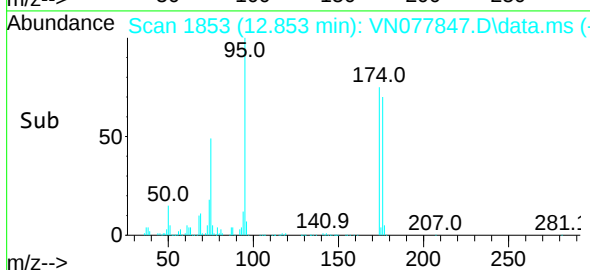
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

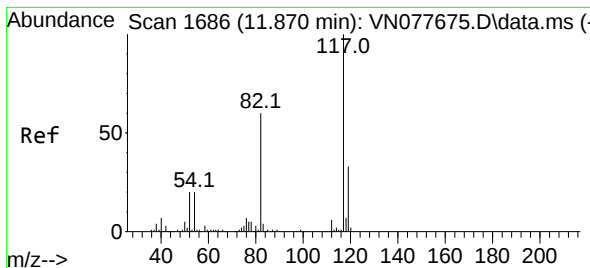


#62
4-Bromofluorobenzene
Concen: 48.930 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



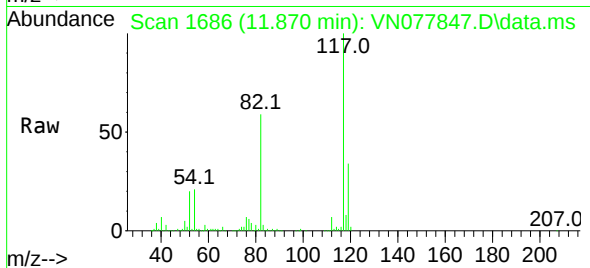
Tgt Ion: 95 Resp: 331081
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

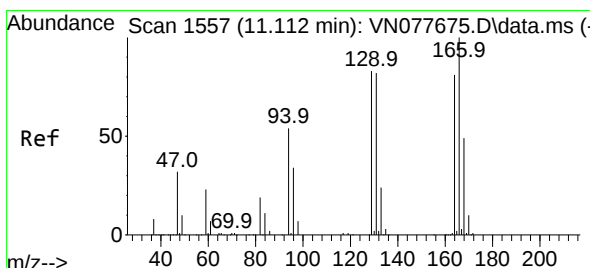
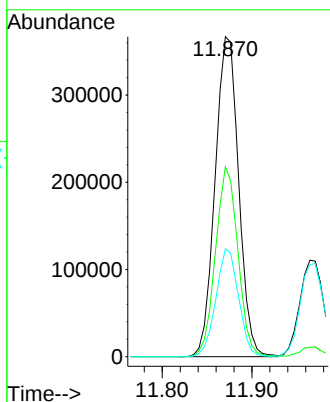
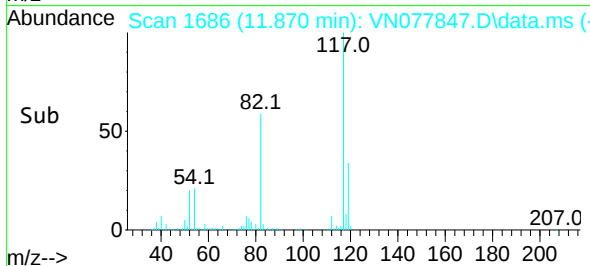
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 669230
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 33.7 25.6 38.4

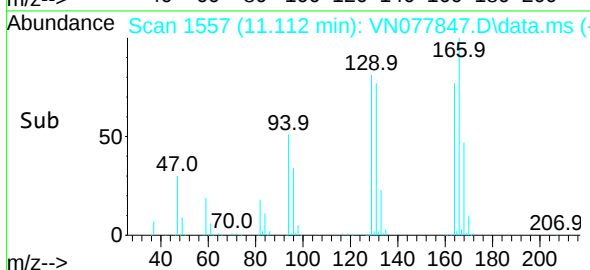
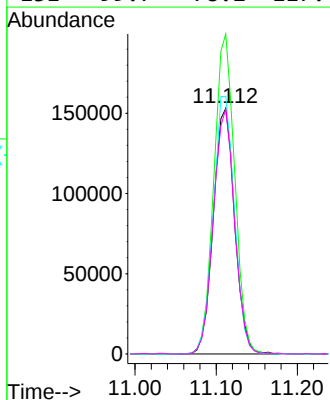
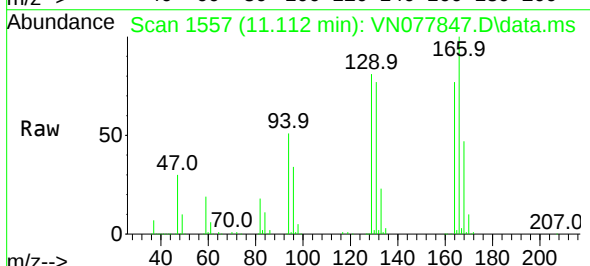
Manual Integrations
APPROVED

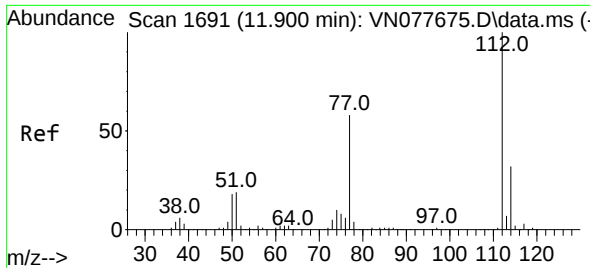
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 59.878 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

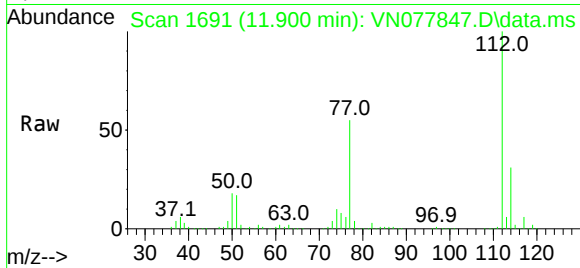
Tgt Ion:164 Resp: 280234
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 104.9 82.4 123.6
131 99.7 78.2 117.4





#65
Chlorobenzene
Concen: 54.712 ug/l
RT: 11.900 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

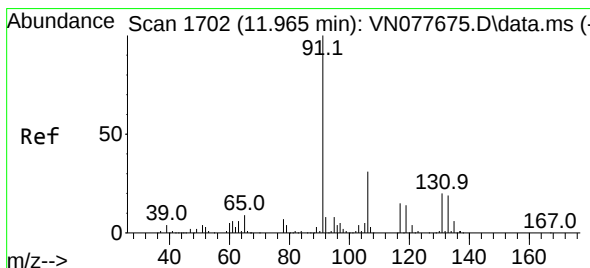
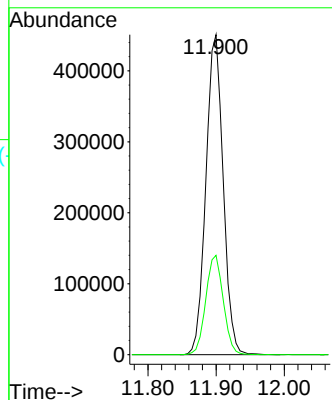
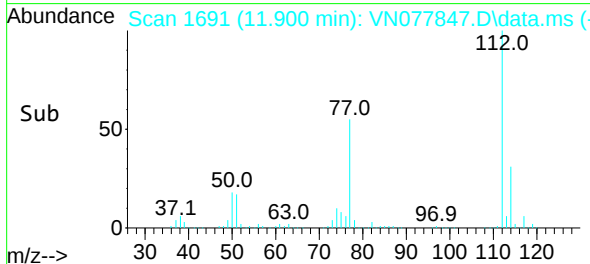
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



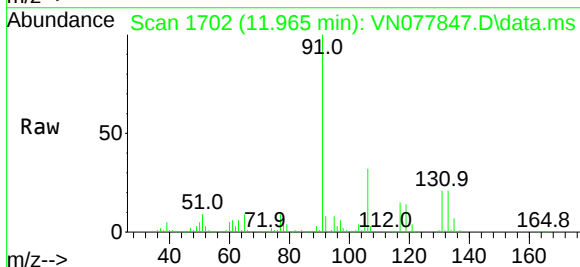
Tgt Ion:112 Resp: 793774
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

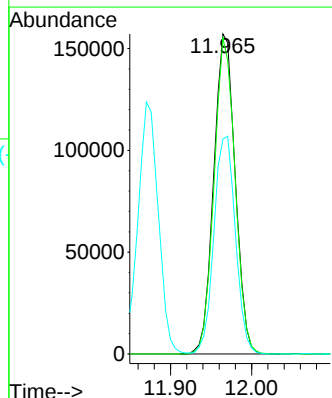
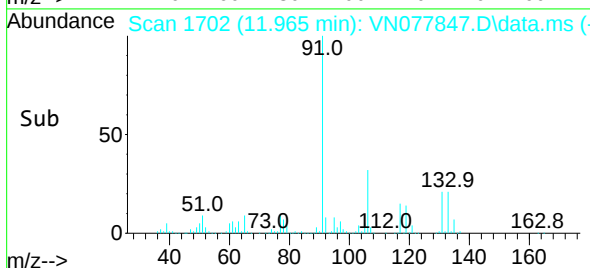
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

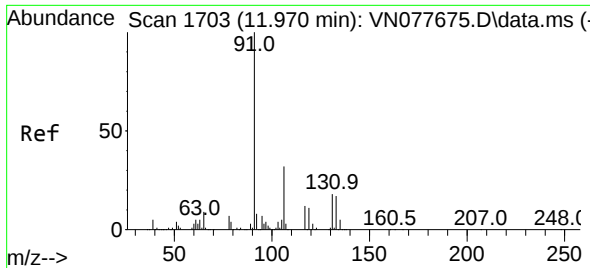


#66
1,1,1,2-Tetrachloroethane
Concen: 57.516 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



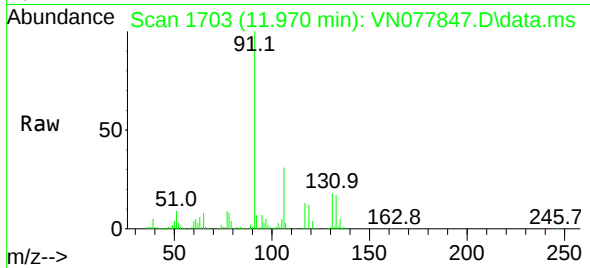
Tgt Ion:131 Resp: 288730
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 68.3 34.1 102.2





#67
Ethyl Benzene
Concen: 55.239 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

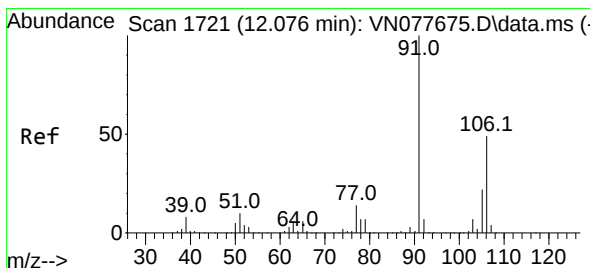
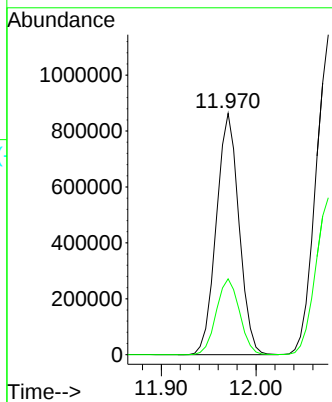
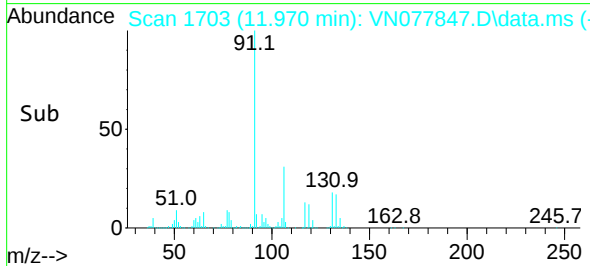
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



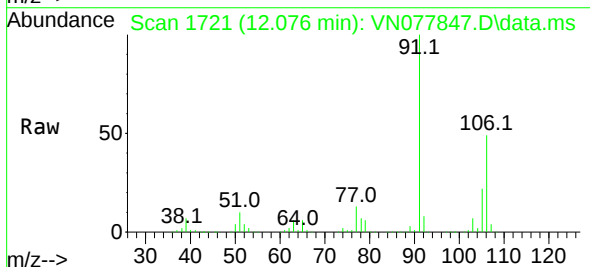
Tgt Ion: 91 Resp: 1436178
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

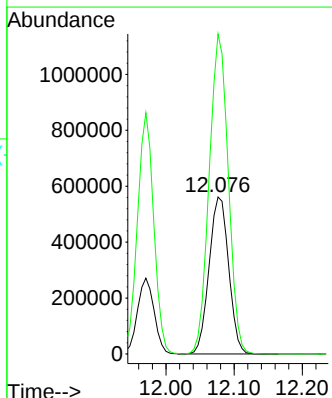
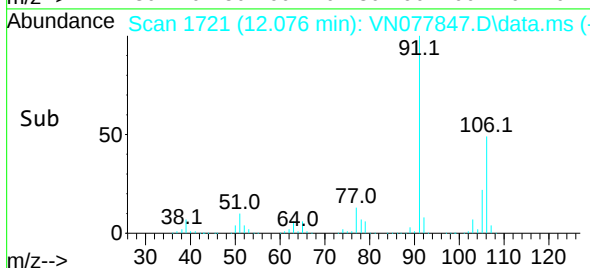
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

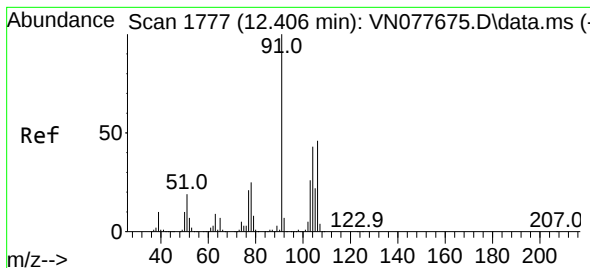


#68
m/p-Xylenes
Concen: 114.089 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



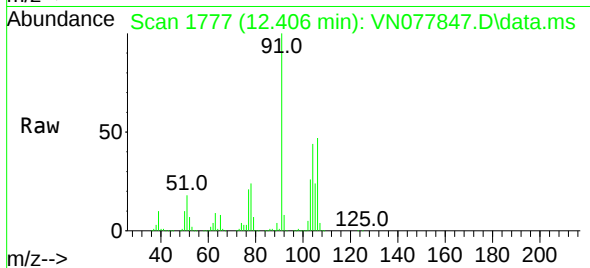
Tgt Ion:106 Resp: 1123935
Ion Ratio Lower Upper
106 100
91 198.1 159.6 239.4





#69
o-Xylene
Concen: 55.781 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

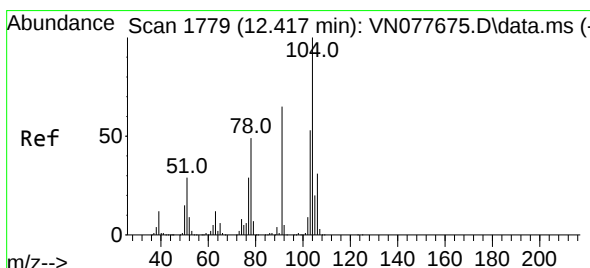
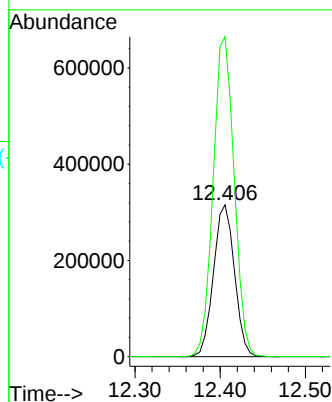
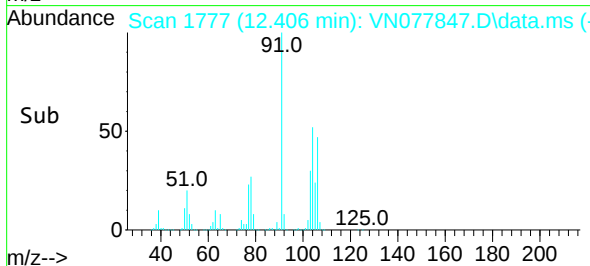
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 540420
Ion Ratio Lower Upper
106 100
91 211.6 105.2 315.5

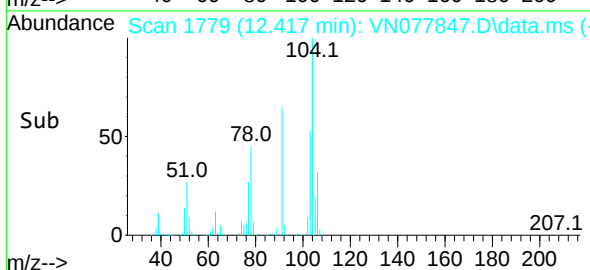
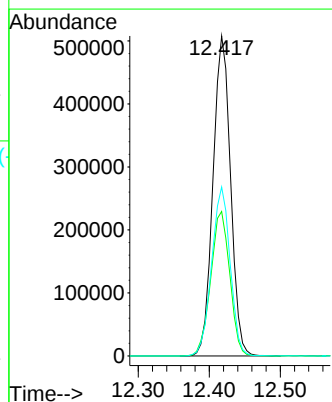
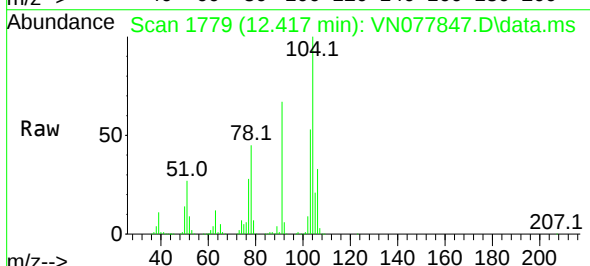
Manual Integrations
APPROVED

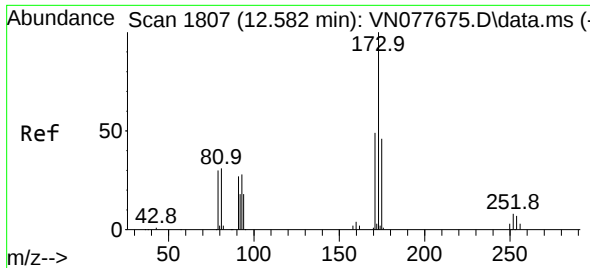
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 56.628 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

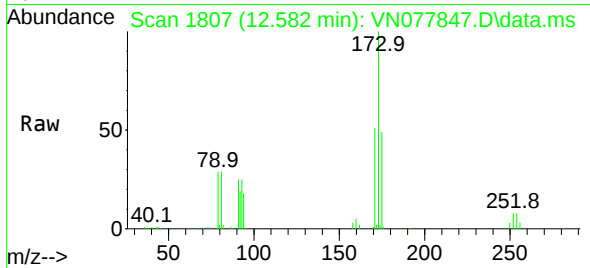
Tgt Ion:104 Resp: 871529
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 57.287 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

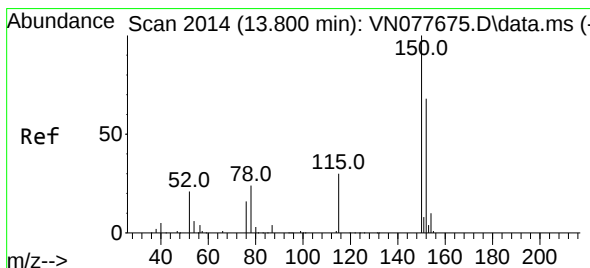
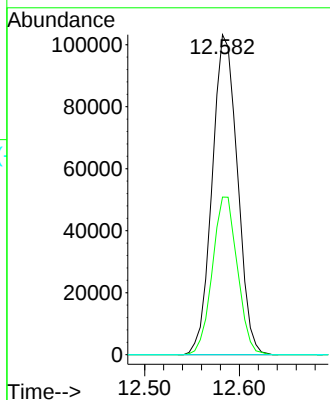
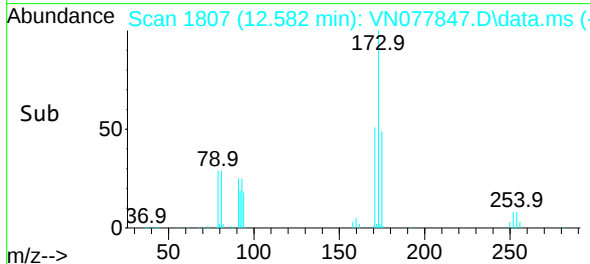
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



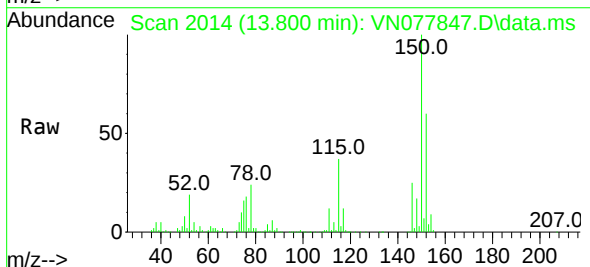
Tgt Ion:173 Resp: 191308
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

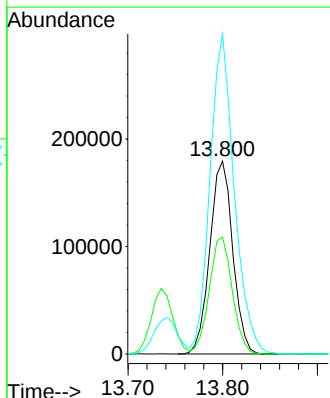
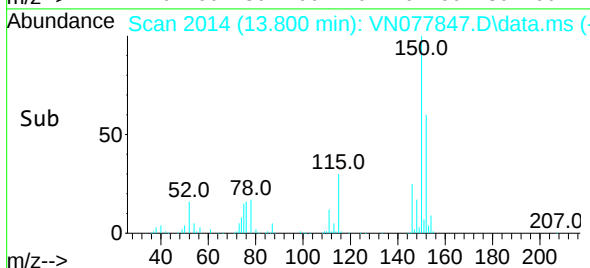
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

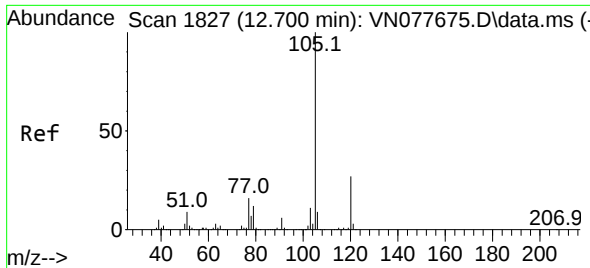


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



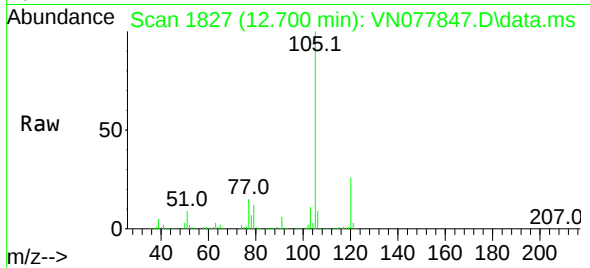
Tgt Ion:152 Resp: 301875
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 175.7 0.0 355.8





#73
Isopropylbenzene
Concen: 54.554 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

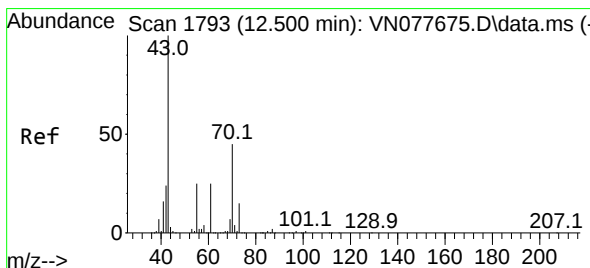
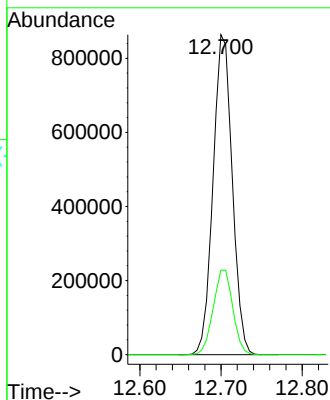
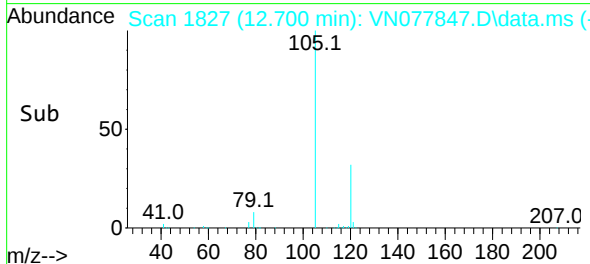
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



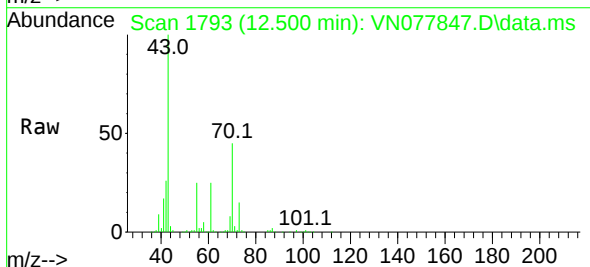
Tgt Ion: 105 Resp: 141958
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

Manual Integrations
APPROVED

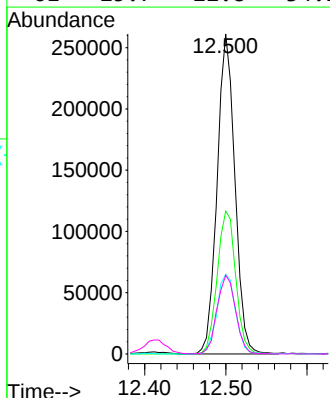
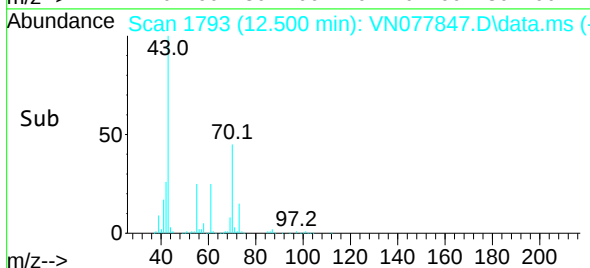
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

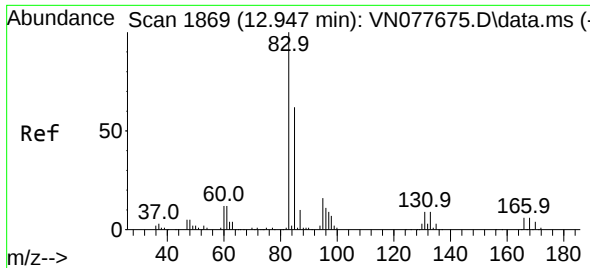


#74
N-ethyl acetate
Concen: 41.401 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



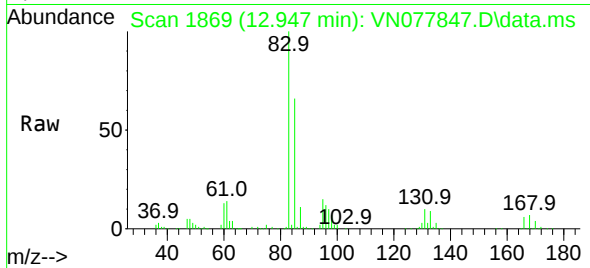
Tgt Ion: 43 Resp: 398209
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.2 21.4 32.0
61 25.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.011 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

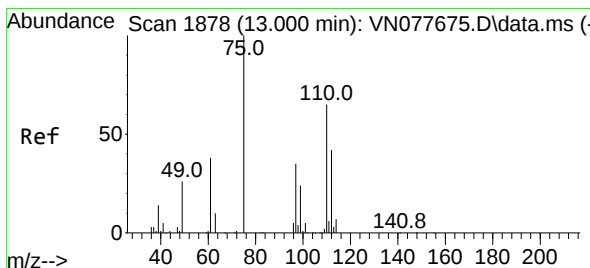
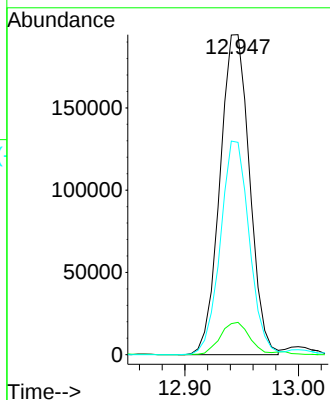
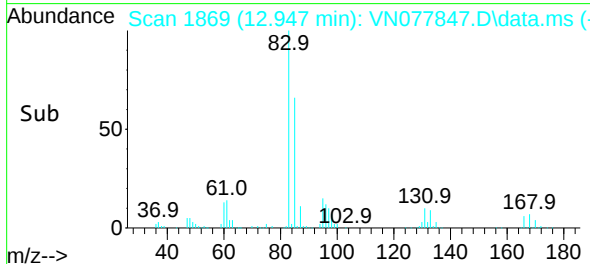
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 352318
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.3 31.9 95.7

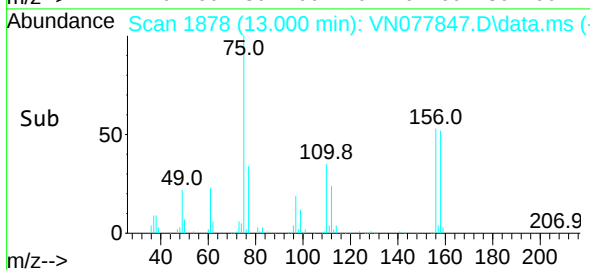
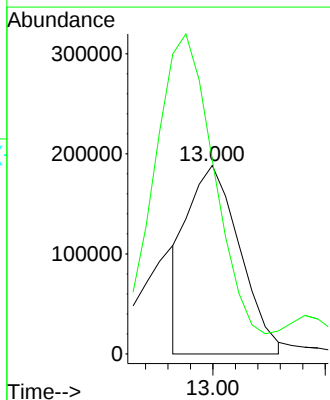
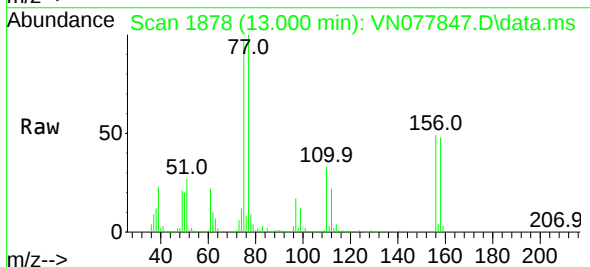
Manual Integrations
APPROVED

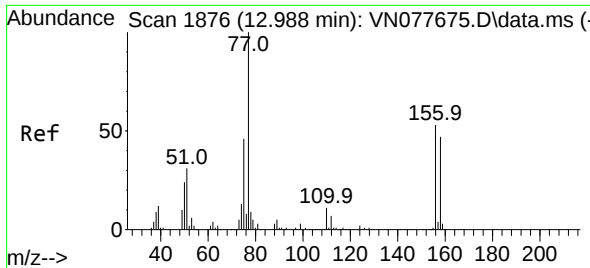
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 40.224 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

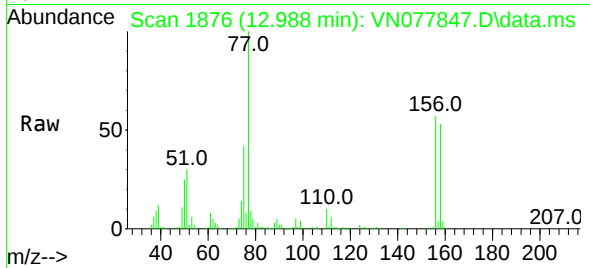
Tgt Ion: 75 Resp: 304096
Ion Ratio Lower Upper
75 100
77 204.2 84.5 253.5





#77
Bromobenzene
Concen: 52.229 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

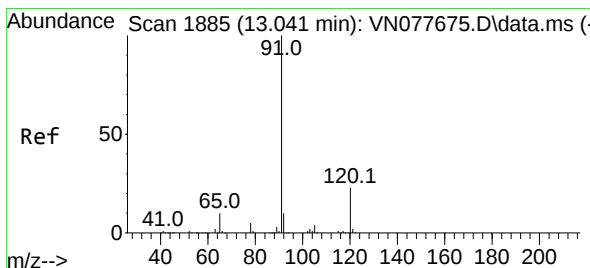
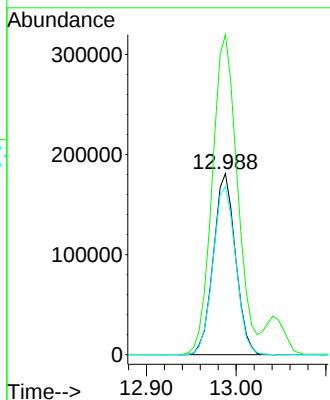
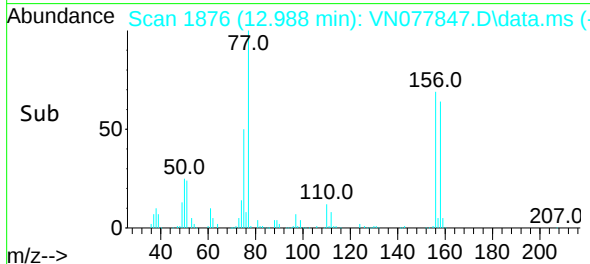
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 310152
Ion Ratio Lower Upper
156 100
77 200.2 107.7 323.3
158 95.7 48.4 145.3

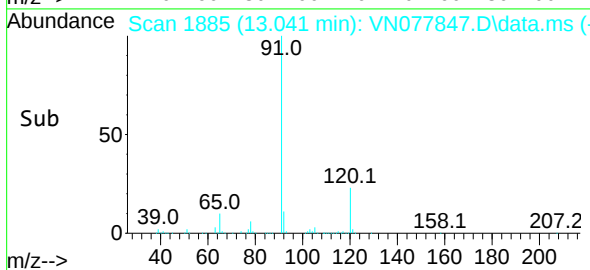
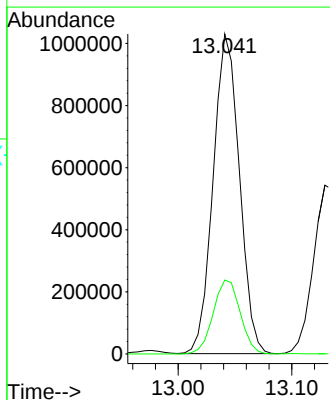
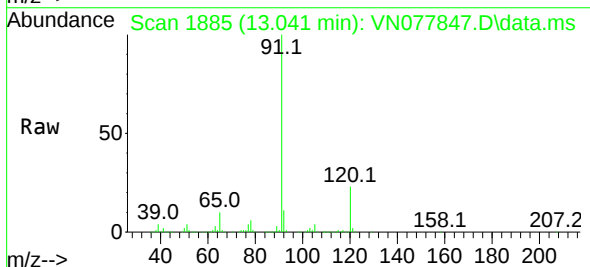
Manual Integrations
APPROVED

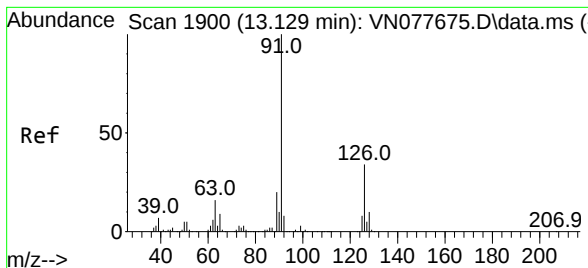
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
n-propylbenzene
Concen: 53.843 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

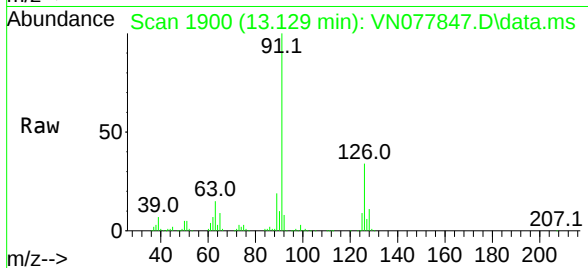
Tgt Ion: 91 Resp: 1651784
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.976 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

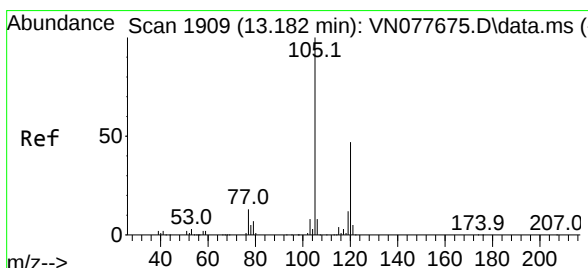
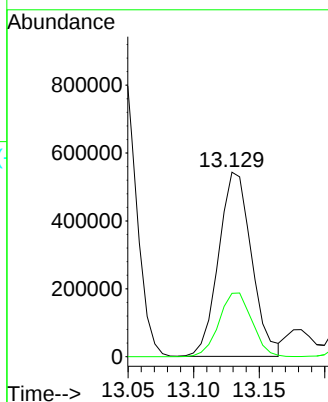
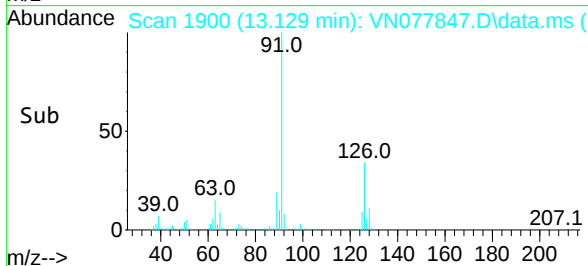
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



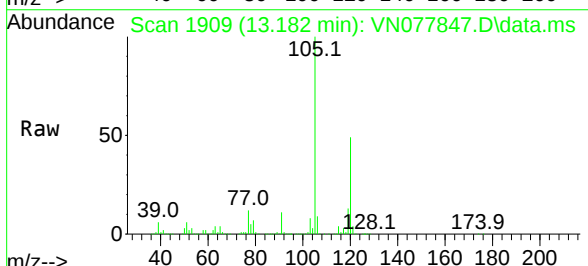
Tgt Ion: 91 Resp: 95147
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8

Manual Integrations
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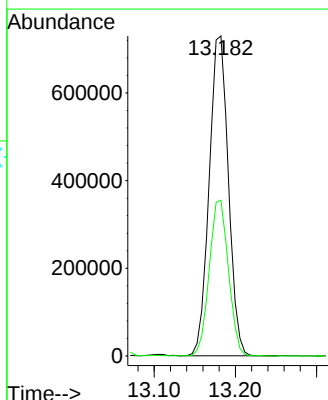
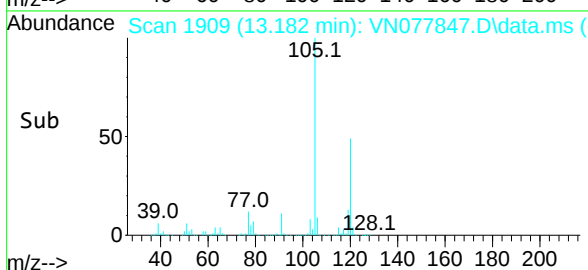
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

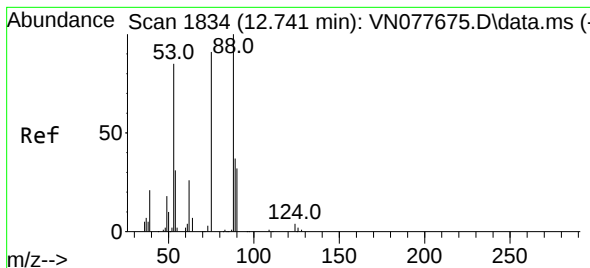


#80
1,3,5-Trimethylbenzene
Concen: 54.780 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



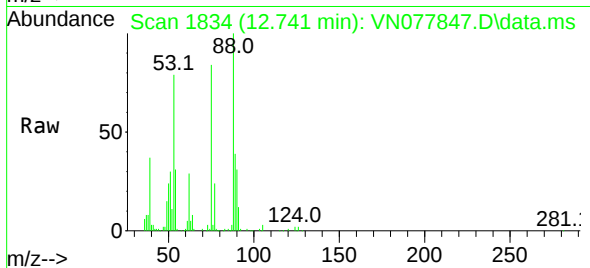
Tgt Ion:105 Resp: 1198059
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.547 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

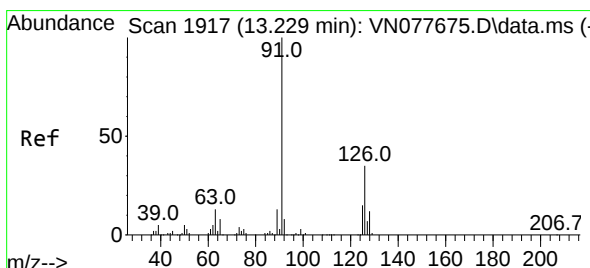
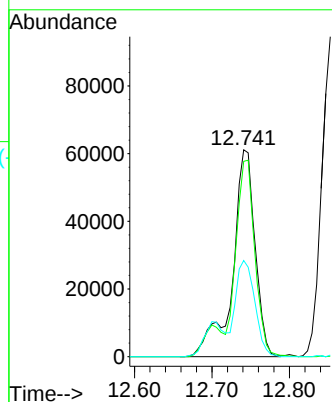
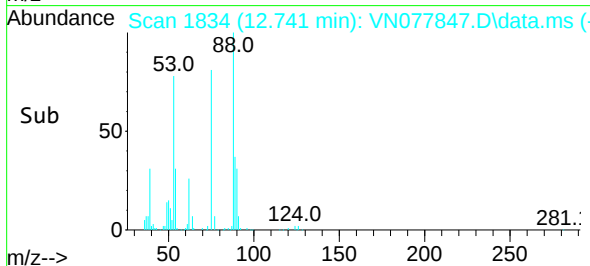
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



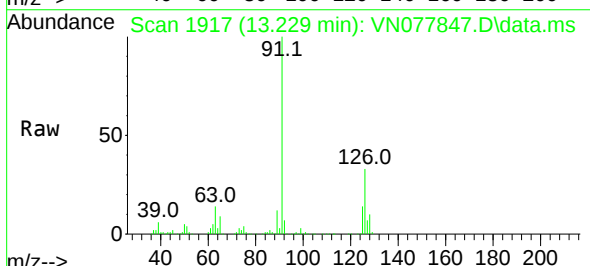
Tgt Ion: 75 Resp: 124279
Ion Ratio Lower Upper
75 100
53 79.0 67.4 101.2
89 40.6 38.8 58.2

Manual Integrations
APPROVED

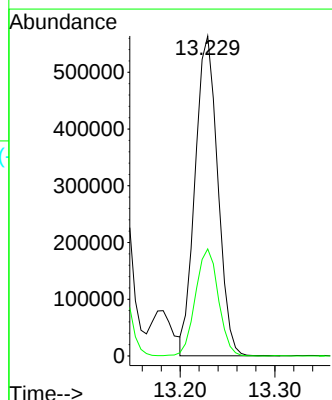
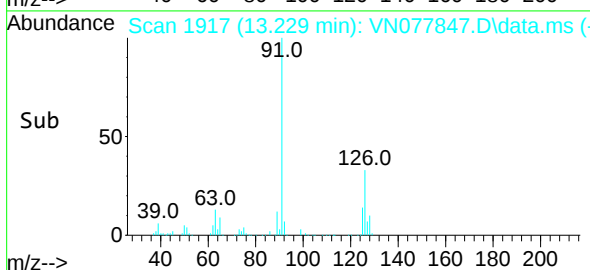
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

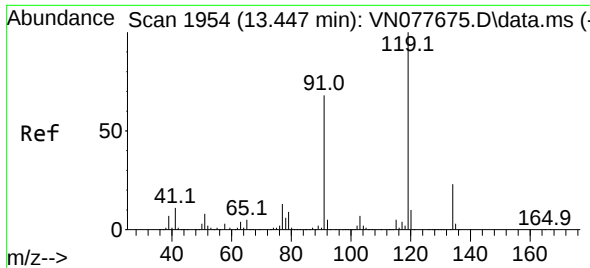


#82
4-Chlorotoluene
Concen: 51.265 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



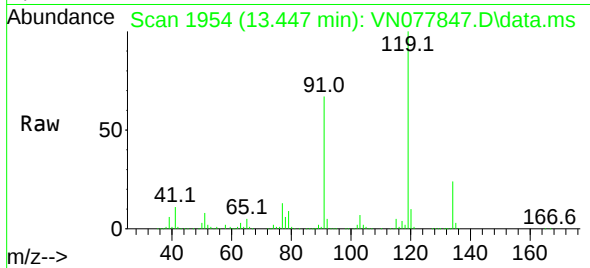
Tgt Ion: 91 Resp: 933739
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 54.061 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

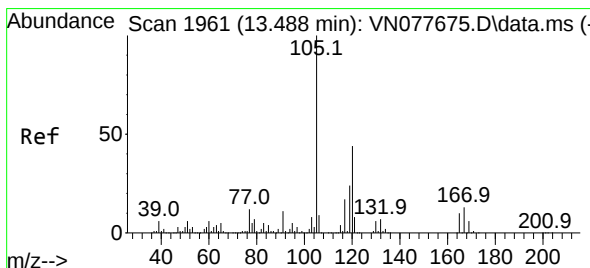
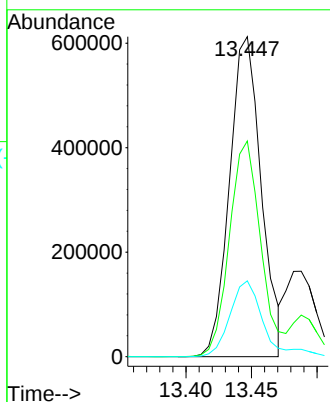
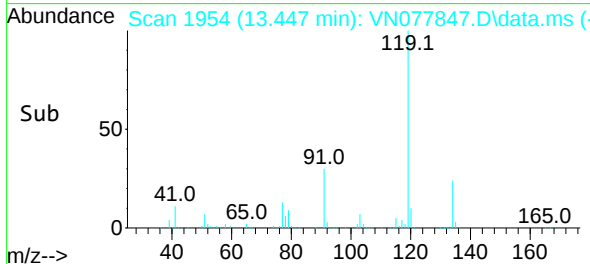
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



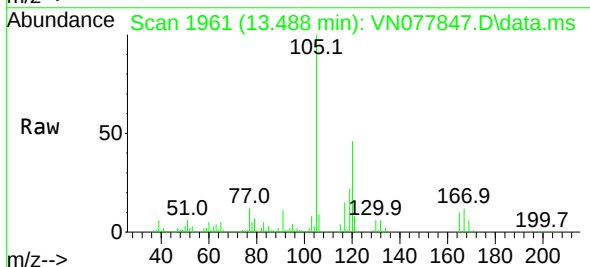
Tgt Ion:119 Resp: 1032164
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 25.0 13.2 39.6

Manual Integrations
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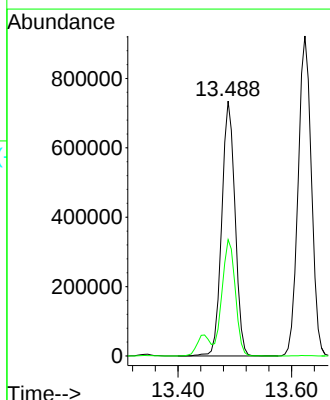
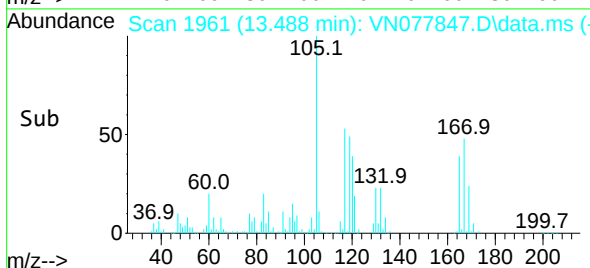
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

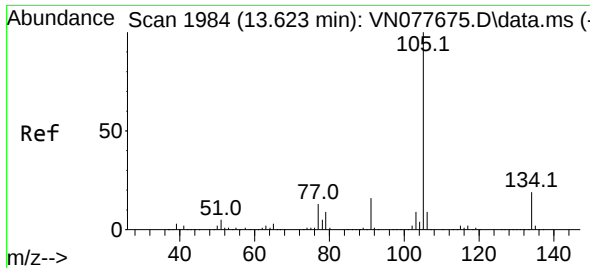


#84
1,2,4-Trimethylbenzene
Concen: 55.658 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



Tgt Ion:105 Resp: 1197152
Ion Ratio Lower Upper
105 100
120 45.9 22.0 66.0





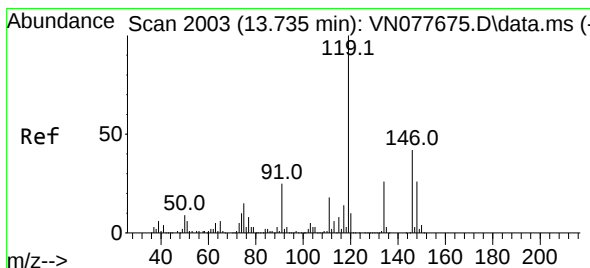
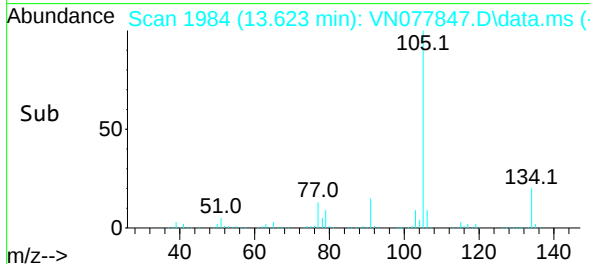
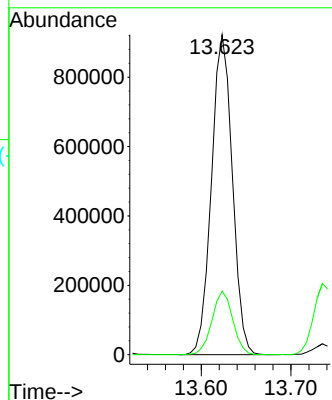
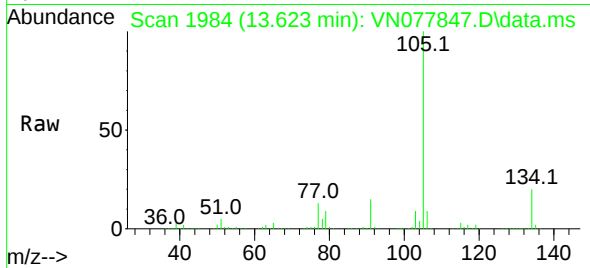
#85
 sec-Butylbenzene
 Concen: 54.895 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1489510
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

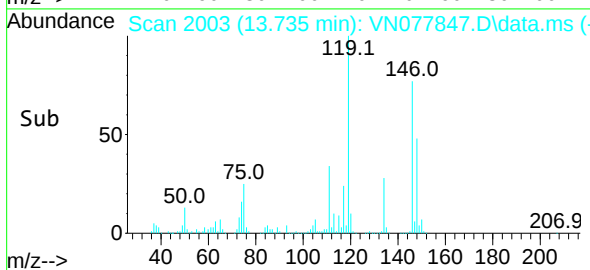
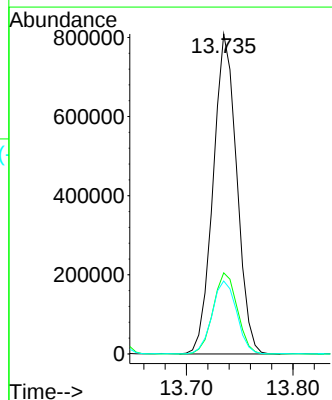
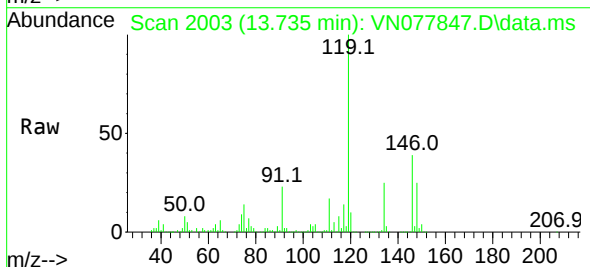
Manual Integrations
 APPROVED

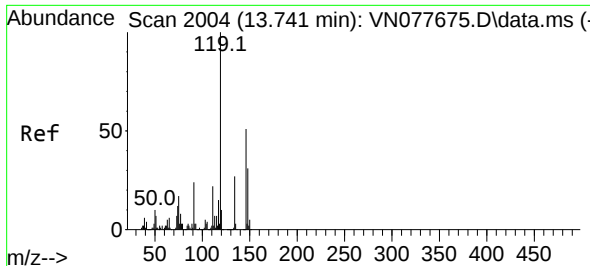
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 57.560 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN077847.D
 Acq: 24 May 2023 11:22

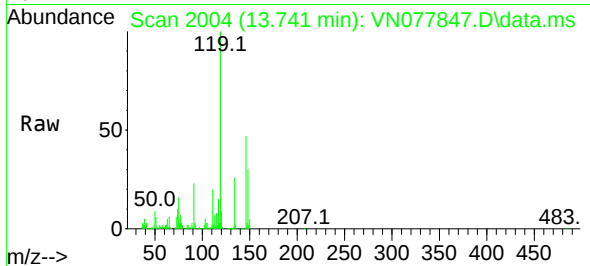
Tgt Ion:119 Resp: 1245130
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.826 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

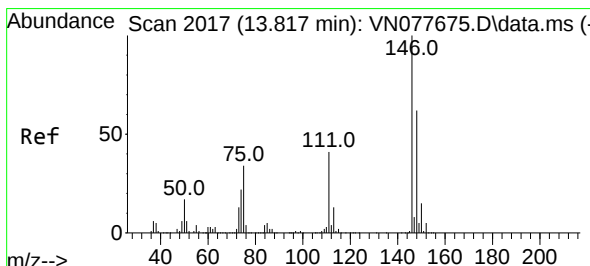
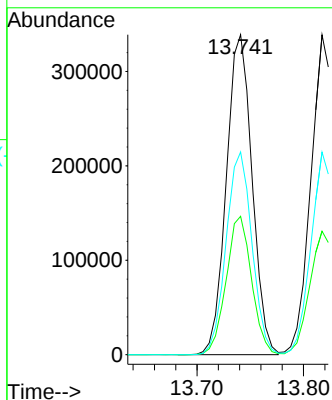
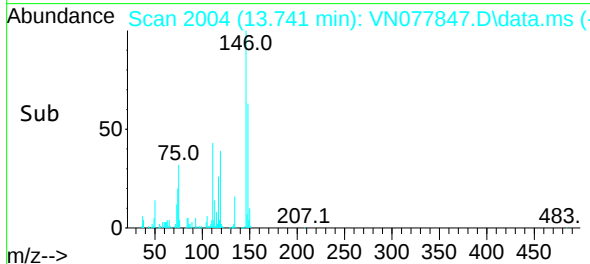
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 56915
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 63.7 32.0 96.0

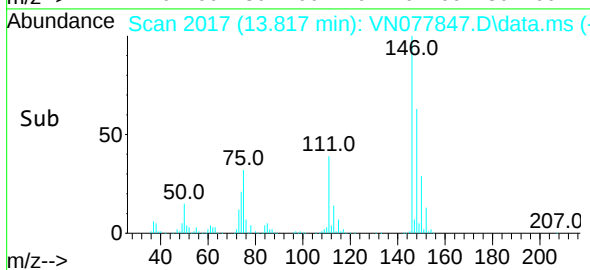
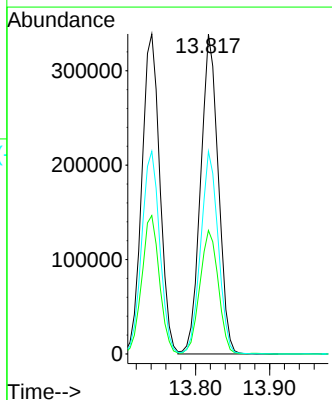
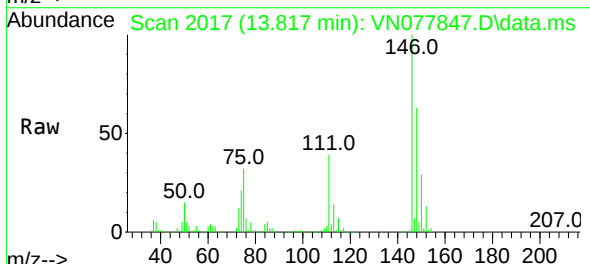
Manual Integrations
APPROVED

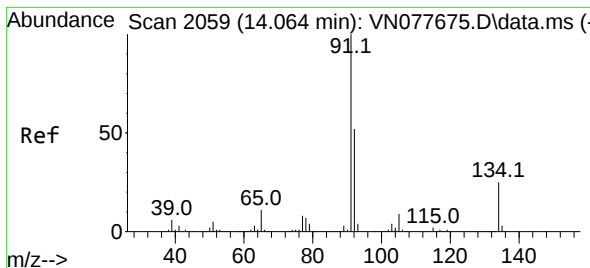
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,4-Dichlorobenzene
Concen: 51.491 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Tgt Ion:146 Resp: 561139
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 62.8 31.6 94.8





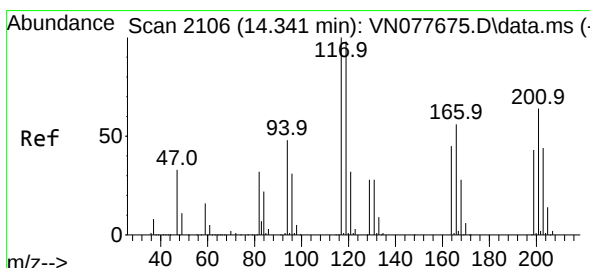
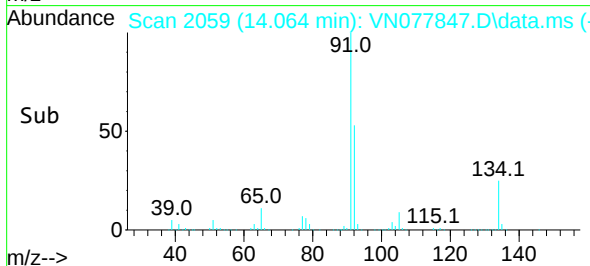
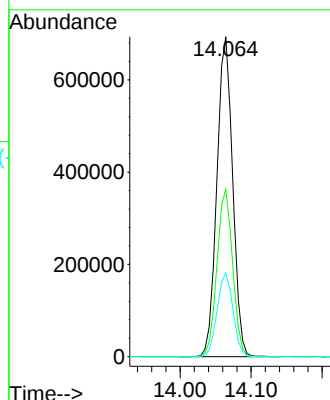
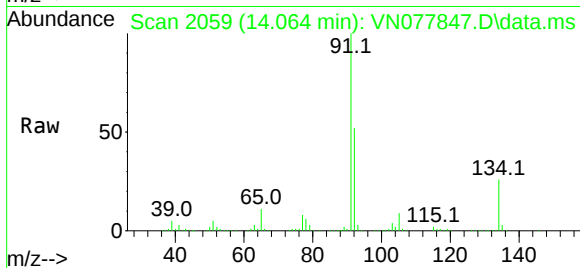
#89
n-Butylbenzene
Concen: 53.533 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1065120
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 26.2 12.6 37.6

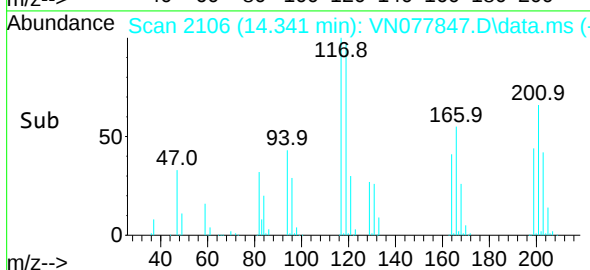
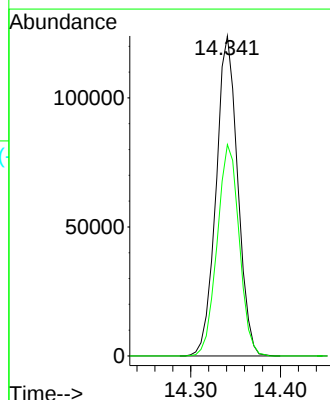
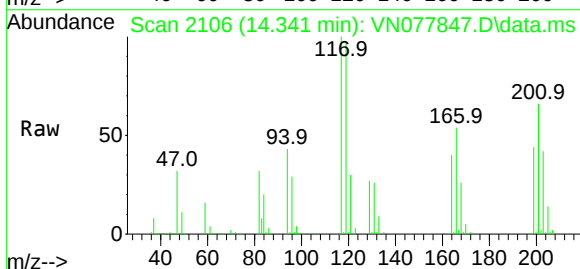
Manual Integrations
APPROVED

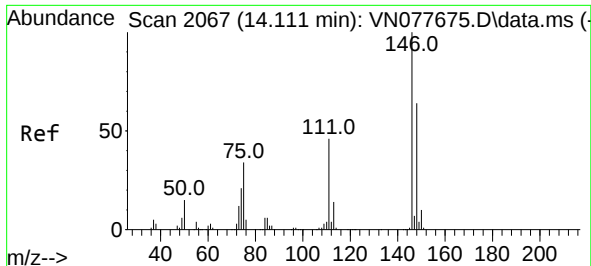
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 58.331 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

Tgt Ion:117 Resp: 207288
Ion Ratio Lower Upper
117 100
201 67.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.783 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 55178

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

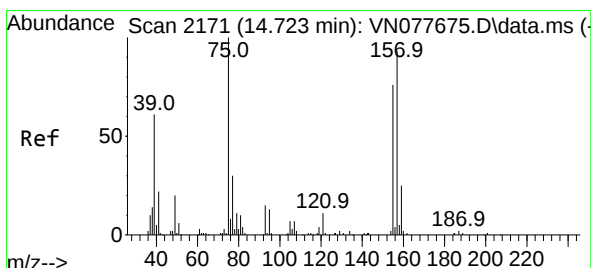
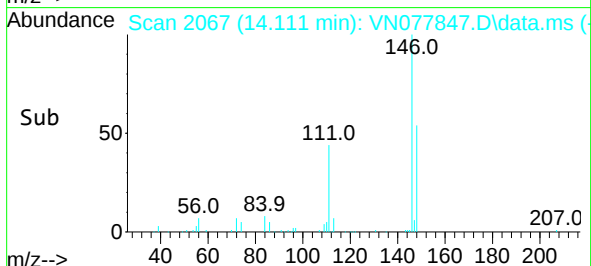
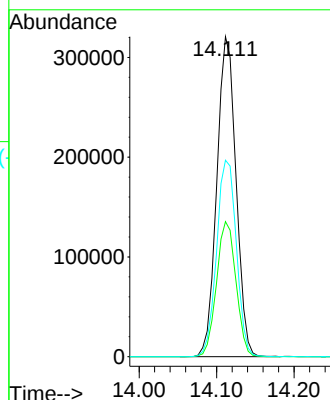
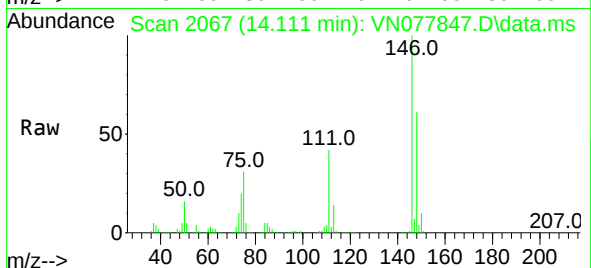
148 63.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.546 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

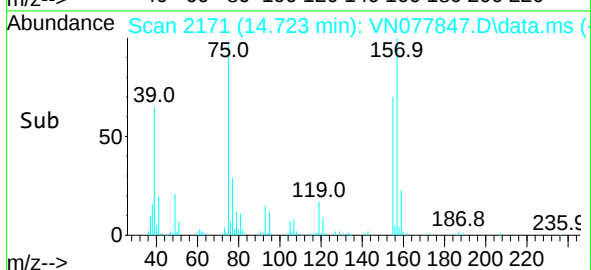
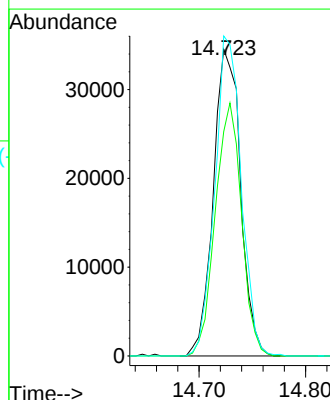
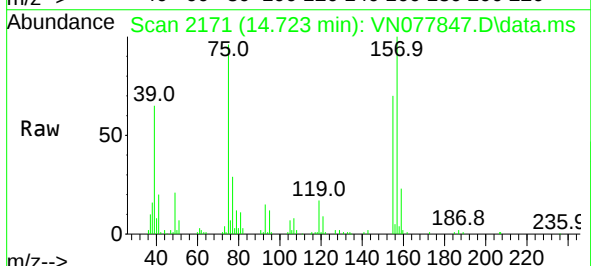
Tgt Ion: 75 Resp: 61290

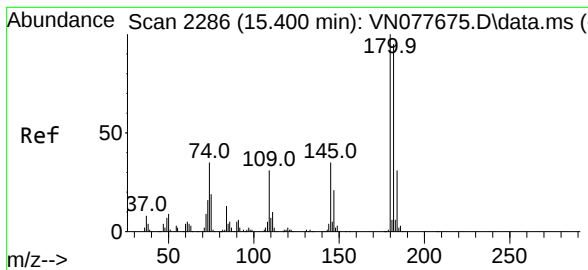
Ion Ratio Lower Upper

75 100

155 79.5 39.1 117.2

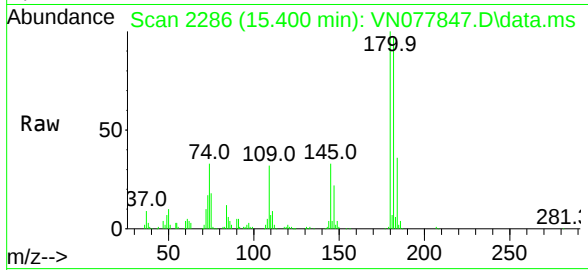
157 101.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 44.678 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22

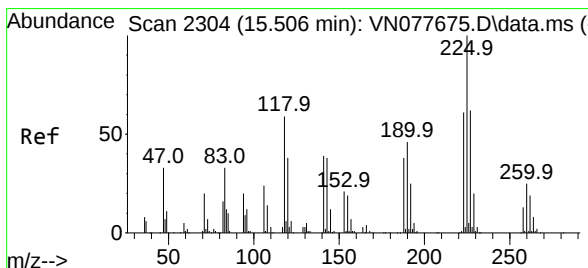
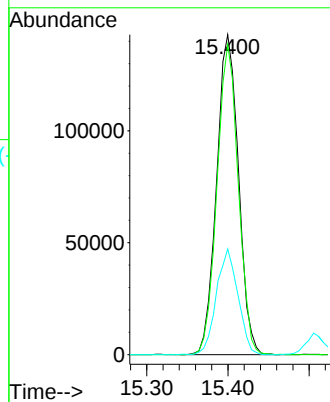
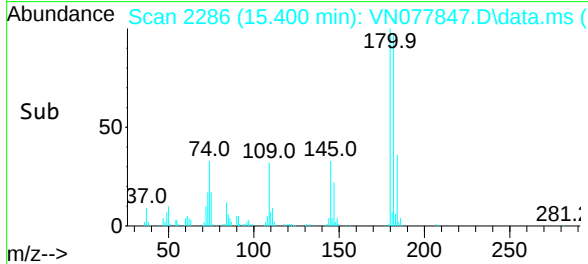
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



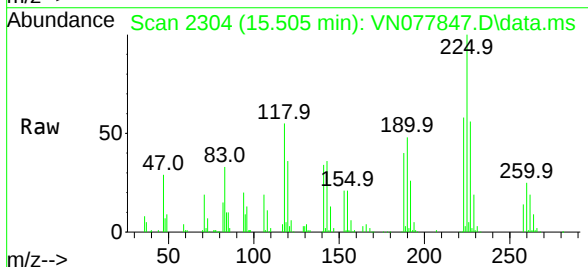
Tgt Ion:180 Resp: 26786
Ion Ratio Lower Upper
180 100
182 94.2 46.1 138.2
145 32.6 16.6 49.8

Manual Integrations
APPROVED

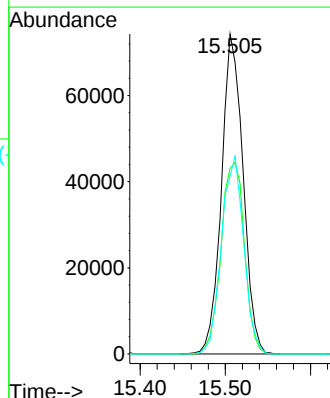
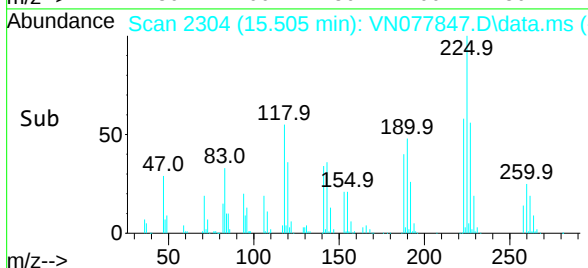
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

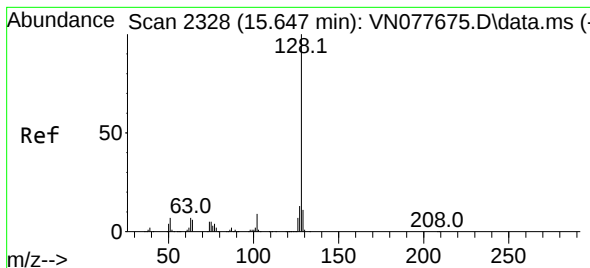


#94
Hexachlorobutadiene
Concen: 52.552 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN077847.D
Acq: 24 May 2023 11:22



Tgt Ion:225 Resp: 130817
Ion Ratio Lower Upper
225 100
223 65.0 31.3 93.8
227 63.8 31.9 95.9





#95

Naphthalene

Concen: 36.284 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 74876

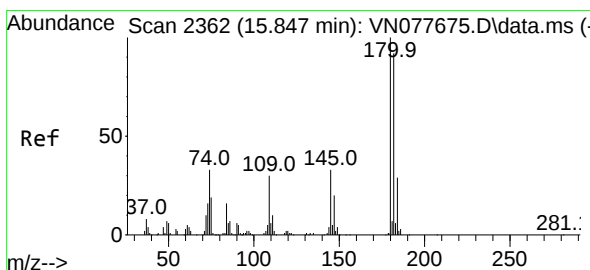
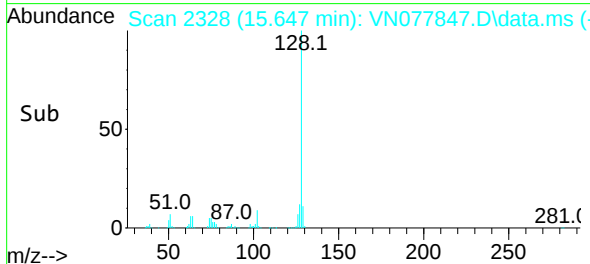
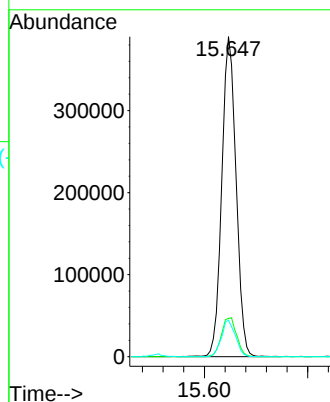
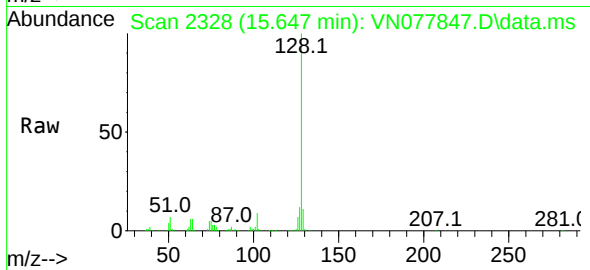
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.831 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077847.D

Acq: 24 May 2023 11:22

Tgt Ion:180 Resp: 263162

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.2	138.6
145	34.8	17.5	52.6

