

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073069.D
 Acq On : 24 Jun 2022 01:34
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 04:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	44828	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	252545	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	233731	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	126706	25.645	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	85.500%	#	
60) 4-Bromofluorobenzene	12.668	95	140059	29.547	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.500%		
63) Toluene-d8	10.375	98	372099	28.961	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.533%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	551285	160.129	ug/l	99
3) Chloromethane	2.263	50	506582	140.163	ug/l	96
4) Vinyl Chloride	2.404	62	455419	139.694	ug/l	100
5) Bromomethane	2.775	94	82086	50.670	ug/l	99
6) Chloroethane	2.934	64	264117	124.501	ug/l	99
7) Trichlorofluoromethane	3.304	101	835658	143.036	ug/l	97
8) Diethyl Ether	3.763	74	342521	148.905	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.134	101	456419m	146.718	ug/l	
10) 1,1-Dichloroethene	4.104	96	468307	156.064	ug/l	96
11) Methyl Iodide	4.346	142	540314	187.369	ug/l	93
12) Methyl Acetate	4.769	43	917593	148.075	ug/l	91
13) Acrolein	3.975	56	492970	865.638	ug/l	99
14) Acrylonitrile	5.475	53	1866034	753.032	ug/l	98
15) Acetone	4.222	58	514538	758.382	ug/l	89
16) Carbon Disulfide	4.457	76	1275979	167.251	ug/l	97
17) Allyl chloride	4.757	41	904047	144.580	ug/l	82
18) Methylene Chloride	5.010	84	534304	144.555	ug/l	94
19) trans-1,2-Dichloroethene	5.510	96	481493	150.594	ug/l	90
20) Diisopropyl ether	6.410	45	1874188	149.967	ug/l	94
21) 1,1-Dichloroethane	6.304	63	963626	139.301	ug/l	98
22) cis-1,2-Dichloroethene	7.245	96	576156	145.373	ug/l	96
23) tert-Butyl Alcohol	5.293	59	809286	728.147	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	1735036	135.469	ug/l	98
25) Chloroform	7.745	83	973048	137.957	ug/l	100
26) Cyclohexane	8.022	56	851453	146.404	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	717768	150.356	ug/l	97
30) 2-Butanone	7.257	43	2738983	780.669	ug/l	93
31) 2,2-Dichloropropane	7.245	77	320366	56.211	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	880311	142.972	ug/l	99
33) Carbon Tetrachloride	8.133	117	751703	141.867	ug/l	97
34) Benzene	8.386	78	2171045	151.536	ug/l	98
35) Methacrylonitrile	7.563	41	486870	142.533	ug/l	89
36) 1,2-Dichloroethane	8.463	62	807083	137.608	ug/l	98
37) Trichloroethene	9.145	130	550395	159.264	ug/l	95
38) Methylcyclohexane	9.392	83	853419	149.274	ug/l	93
39) 1,2-Dichloropropane	9.428	63	558264	143.908	ug/l	98
40) Dibromomethane	9.510	93	376401	141.448	ug/l	93
41) Bromodichloromethane	9.698	83	785660	140.966	ug/l	95
42) Vinyl Acetate	6.351	43	8524881	757.848	ug/l	99

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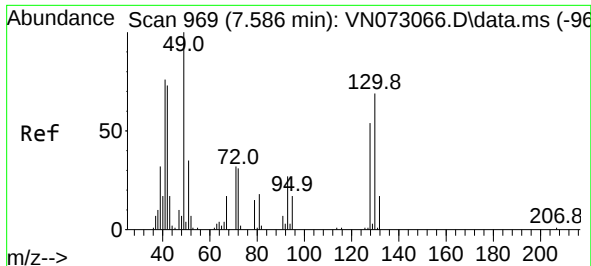
Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	1047315	155.075	ug/l	97
44) Isopropyl Acetate	8.492	43	1616977	148.486	ug/l	98
45) 1,4-Dioxane	9.504	88	296127	3269.214	ug/l	90
46) Methyl methacrylate	9.492	41	745232	152.307	ug/l	83
47) n-amyl Acetate	12.327	43	1361702	160.746	ug/l	96
48) t-1,3-Dichloropropene	10.657	75	780765	126.057	ug/l	100
49) cis-1,3-Dichloropropene	10.127	75	809879	127.322	ug/l	97
50) 1,1,2-Trichloroethane	10.833	97	547034	145.543	ug/l	99
51) Ethyl methacrylate	10.698	69	979667	145.393	ug/l	89
52) 1,3-Dichloropropane	10.980	76	959663	145.011	ug/l	99
53) Dibromochloromethane	11.174	129	608295	149.151	ug/l	99
54) 1,2-Dibromoethane	11.280	107	597566	151.206	ug/l	97
55) 2-Chloroethyl vinyl ether	9.980	63	2092608	764.952	ug/l	99
56) Bromoform	12.392	173	456275	158.979	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	5088366	727.690	ug/l	97
59) 2-Hexanone	11.022	43	3972544	747.016	ug/l	98
61) Tetrachloroethene	10.910	164	456439	157.012	ug/l	94
62) Toluene	10.439	91	2327639	146.815	ug/l	97
64) Chlorobenzene	11.704	112	1428530	148.585	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.774	131	533583	143.124	ug/l	100
66) Ethyl Benzene	11.780	91	2622863	145.924	ug/l	100
67) m/p-Xylenes	11.892	106	1953723	295.214	ug/l	97
68) o-Xylene	12.216	106	985191	146.530	ug/l	98
69) Styrene	12.233	104	1644067	152.661	ug/l	97
70) Isopropylbenzene	12.516	105	2580178	147.228	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.763	83	865783	145.884	ug/l	98
72) 1,2,3-Trichloropropane	12.816	75	702803m	141.209	ug/l	
73) Bromobenzene	12.798	156	600026	164.288	ug/l	93
74) n-propylbenzene	12.857	91	3037140	151.565	ug/l	100
75) 2-Chlorotoluene	12.945	91	1843398	147.789	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	2163526	150.023	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	233363	114.383	ug/l	95
78) 4-Chlorotoluene	13.039	91	1814679	153.826	ug/l	96
79) tert-butylbenzene	13.257	119	1932453	150.580	ug/l	98
80) 1,2,4-Trimethylbenzene	13.304	105	2118398m	125.546	ug/l	
81) sec-Butylbenzene	13.439	105	2657936	152.756	ug/l	99
82) p-Isopropyltoluene	13.551	119	2165247	154.727	ug/l	99
83) 1,3-Dichlorobenzene	13.551	146	1072509	165.801	ug/l	99
84) 1,4-Dichlorobenzene	13.627	146	1109733	176.198	ug/l	99
85) n-Butylbenzene	13.874	91	1909645	163.428	ug/l	96
86) Hexachloroethane	14.145	117	429962	144.240	ug/l	94
87) 1,2-Dichlorobenzene	13.921	146	1116978	173.081	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.539	75	242322	162.251	ug/l	95
89) 1,2,4-Trichlorobenzene	15.192	180	652517	200.153	ug/l	98
90) Hexachlorobutadiene	15.298	225	257668	181.925	ug/l	98
91) Naphthalene	15.433	128	2485016	190.363	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	653552	195.939	ug/l	100

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



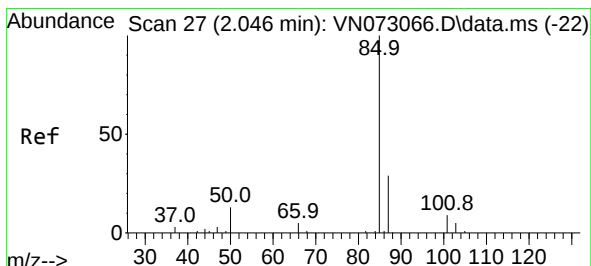
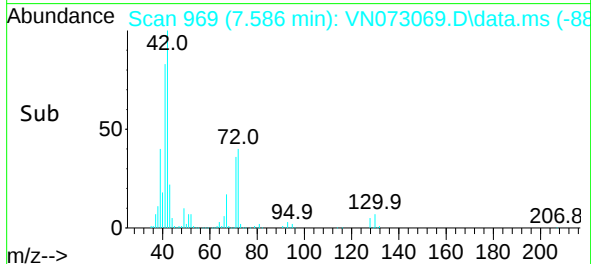
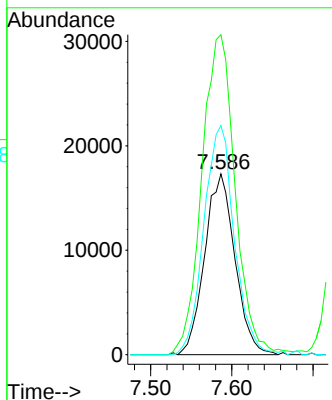
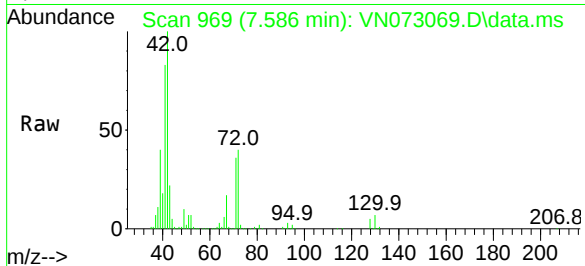
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 44828
Ion Ratio Lower Upper
128 100
49 193.5 0.0 392.3
130 127.9 0.0 320.2

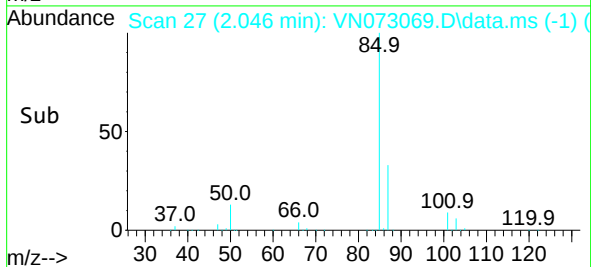
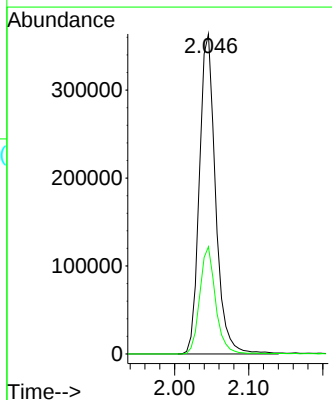
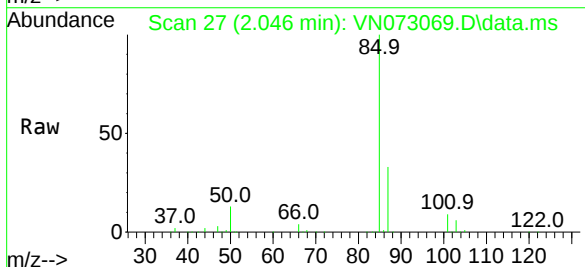
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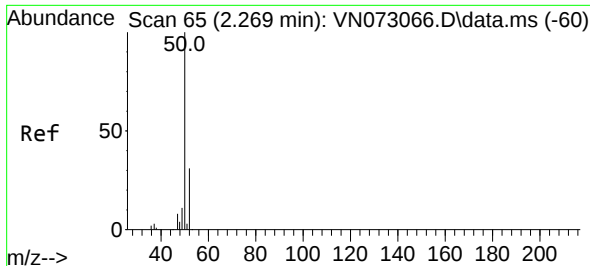
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 160.129 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

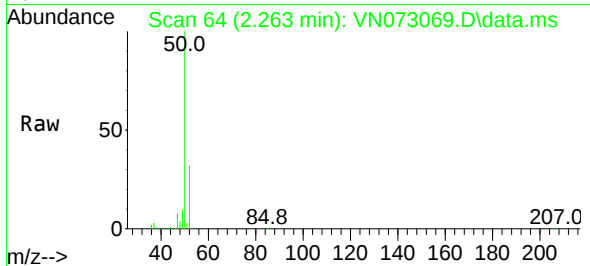
Tgt Ion: 85 Resp: 551285
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7





#3
Chloromethane
Concen: 140.163 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

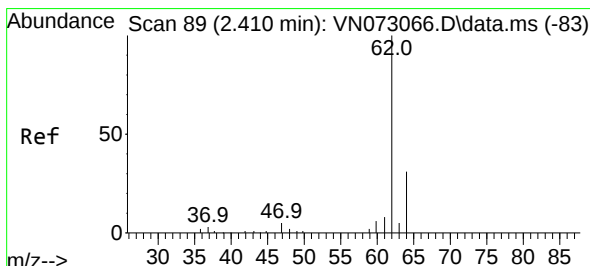
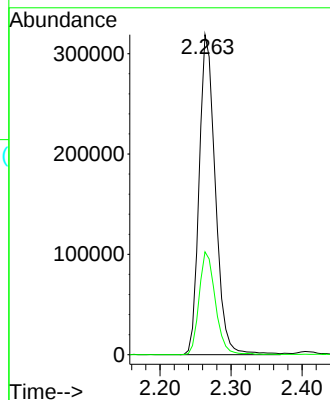
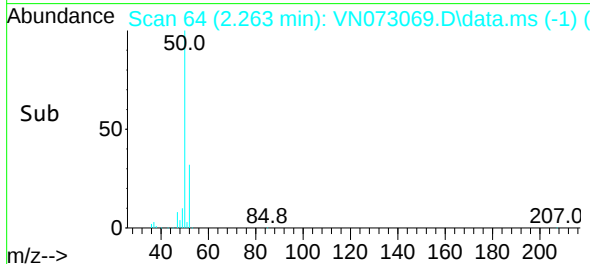
Instrument :
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ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 50658
Ion Ratio Lower Upper
50 100
52 32.2 27.8 41.6

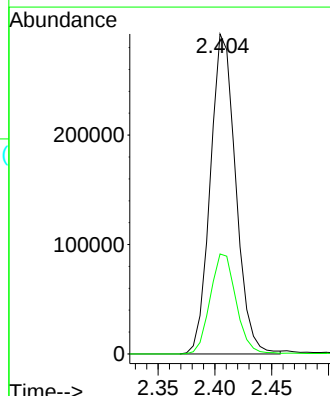
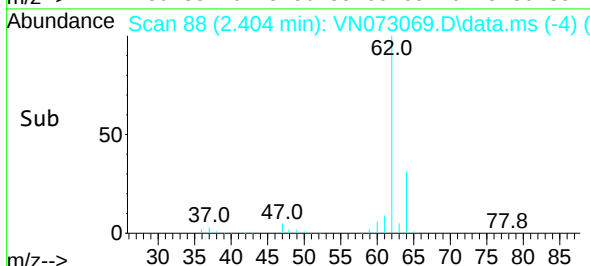
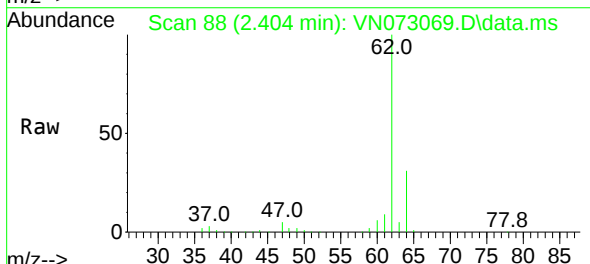
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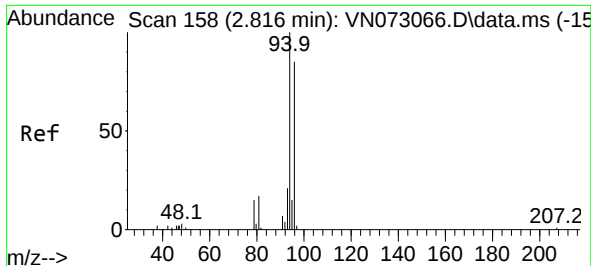
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Vinyl Chloride
Concen: 139.694 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Tgt Ion: 62 Resp: 455419
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





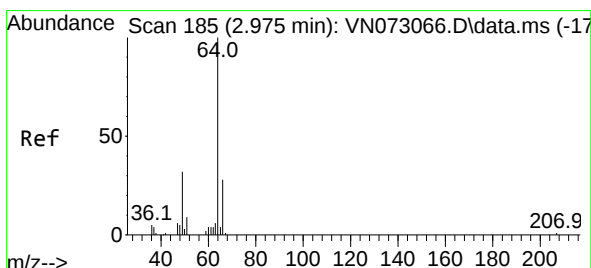
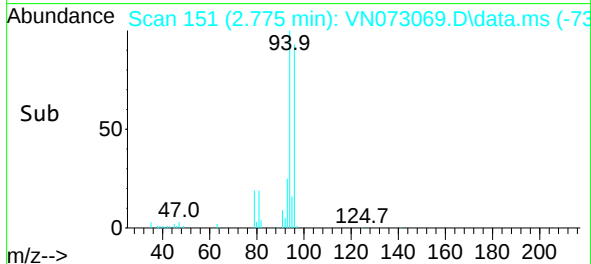
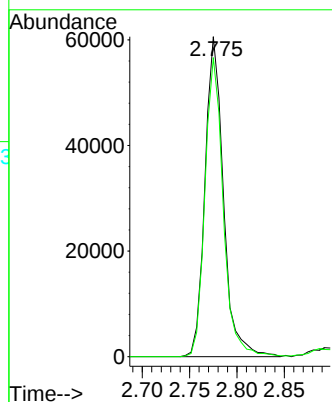
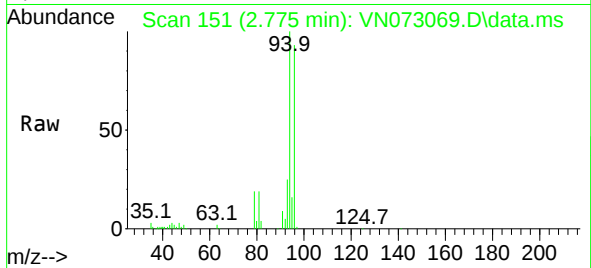
#5
Bromomethane
Concen: 50.670 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 8208
Ion Ratio Lower Upper
94 100
96 93.5 75.2 112.8

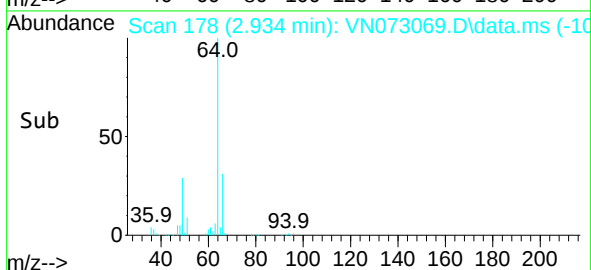
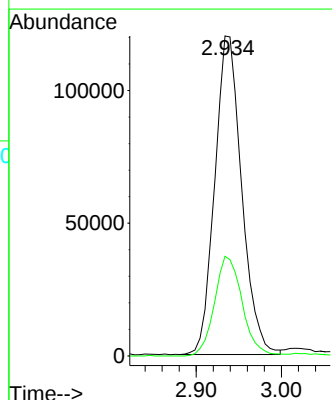
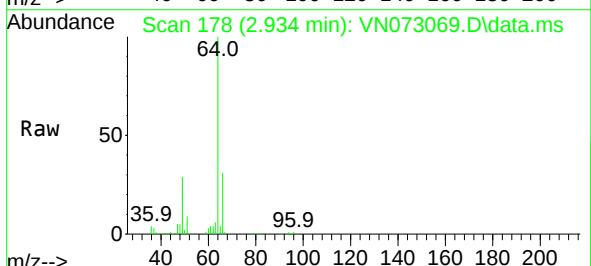
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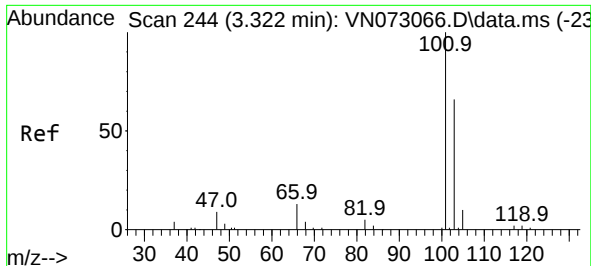
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#6
Chloroethane
Concen: 124.501 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.041 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

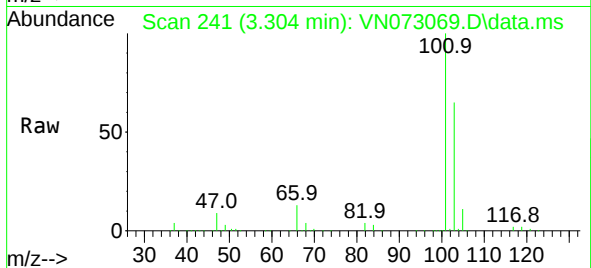
Tgt Ion: 64 Resp: 264117
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





#7
Trichlorofluoromethane
Concen: 143.036 ug/l
RT: 3.304 min Scan# 244
Delta R.T. -0.018 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

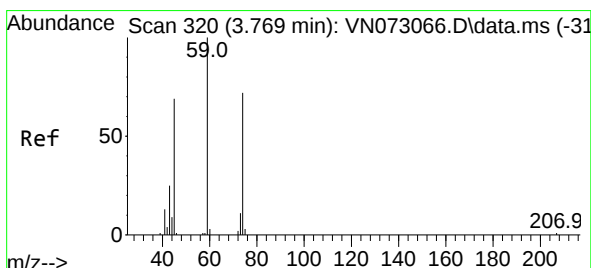
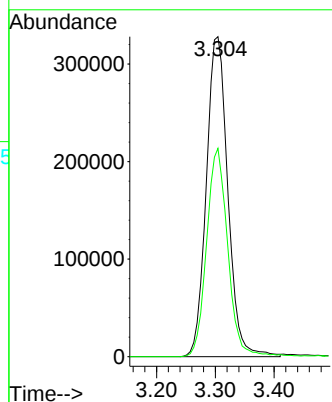
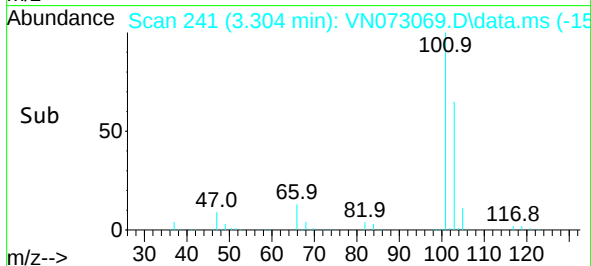
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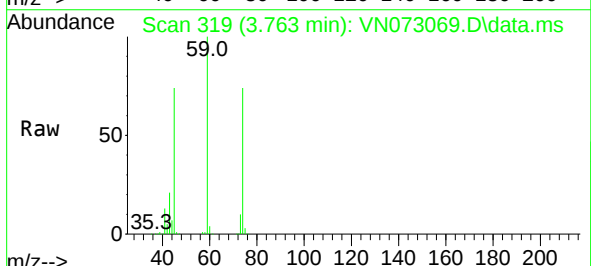
Tgt Ion:101 Resp: 835658
Ion Ratio Lower Upper
101 100
103 65.1 50.1 75.1

Manual Integrations
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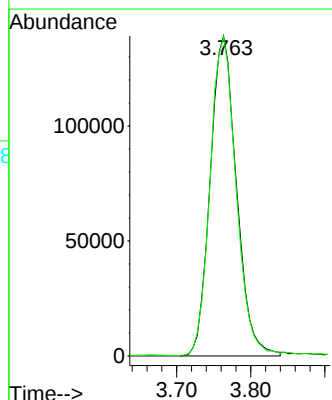
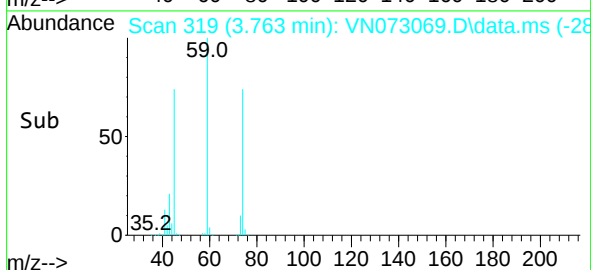
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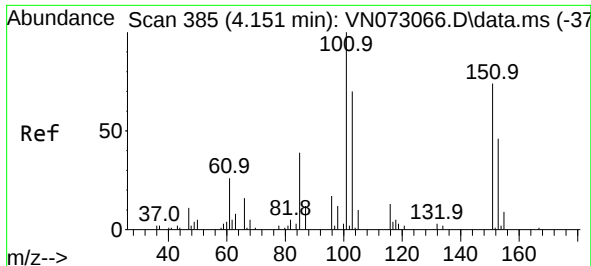


#8
Diethyl Ether
Concen: 148.905 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion: 74 Resp: 342521
Ion Ratio Lower Upper
74 100
45 98.7 17.6 158.8





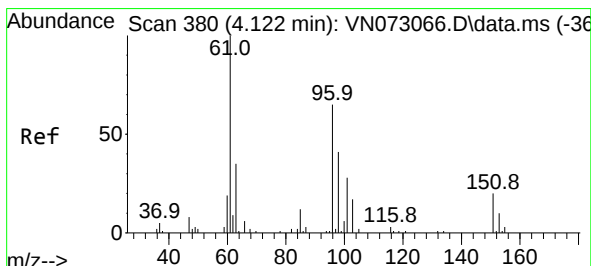
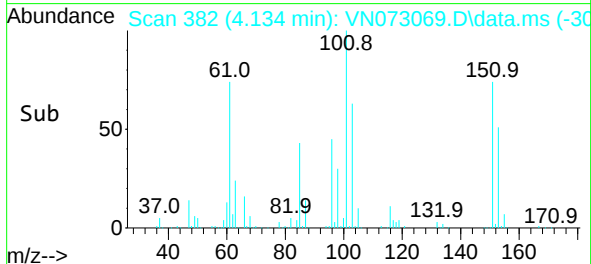
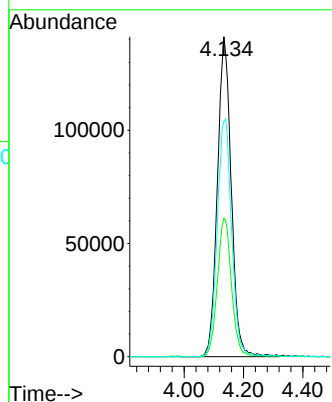
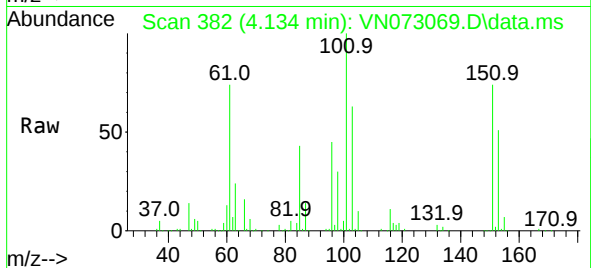
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1,1,2-Trichlorotrifluoroethane
Concen: 146.718 ug/l m
RT: 4.134 min Scan# 382
Delta R.T. -0.018 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 456419
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.2 0.0 74.6

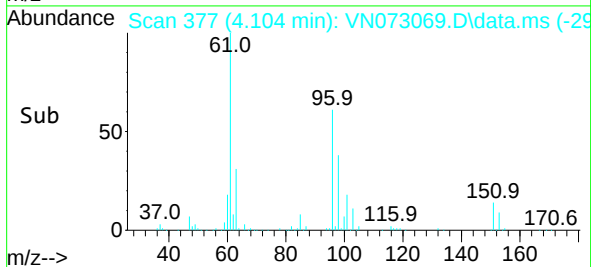
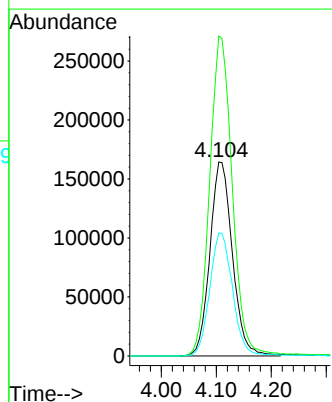
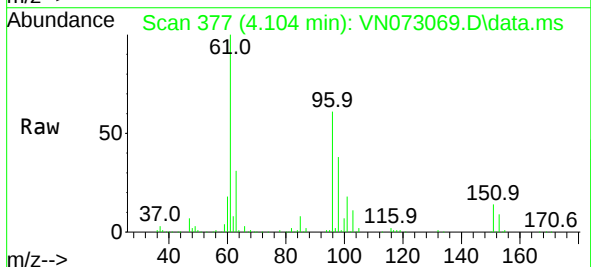
Manual Integrations
APPROVED

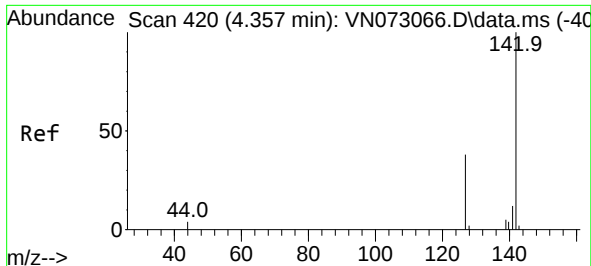
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 156.064 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.018 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

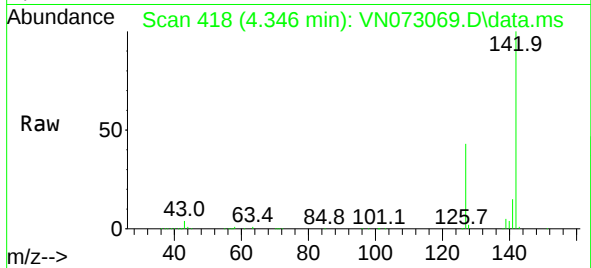
Tgt Ion: 96 Resp: 468307
Ion Ratio Lower Upper
96 100
61 165.0 126.2 189.4
98 63.4 50.9 76.3





#11
Methyl Iodide
Concen: 187.369 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

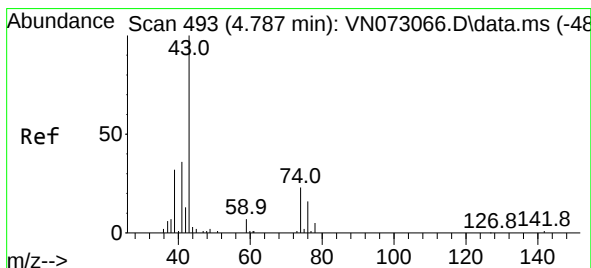
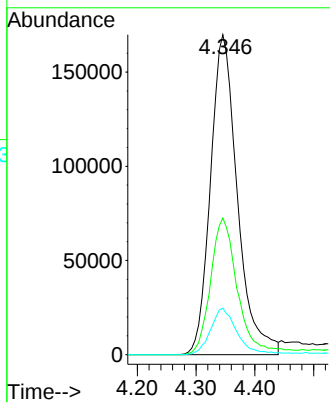
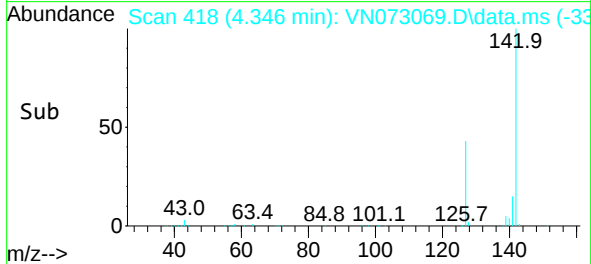
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 540314
Ion Ratio Lower Upper
142 100
127 42.6 24.0 72.0
141 14.5 8.4 25.2

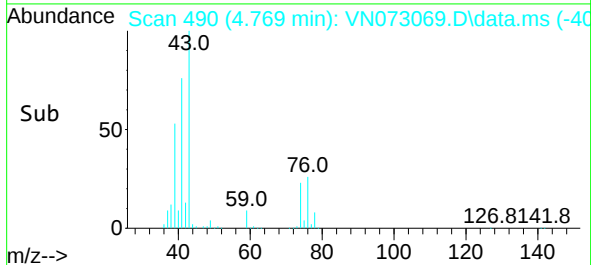
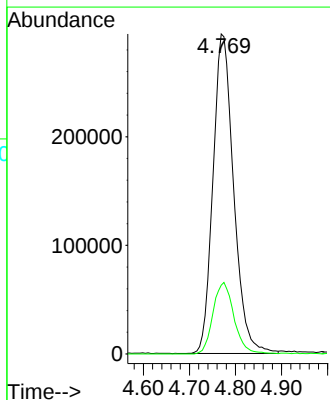
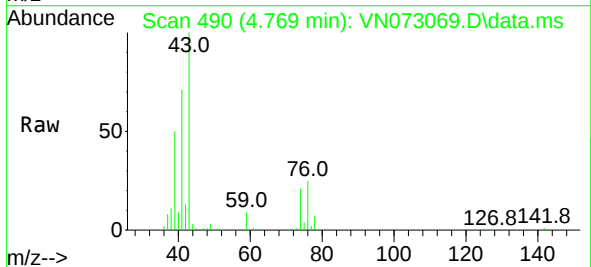
Manual Integrations
APPROVED

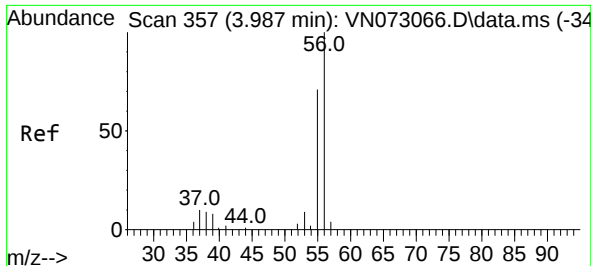
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 148.075 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.018 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

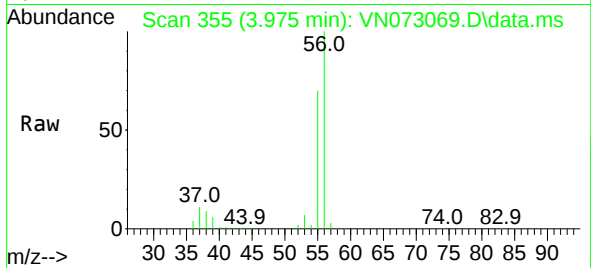
Tgt Ion: 43 Resp: 917593
Ion Ratio Lower Upper
43 100
74 21.5 20.8 31.2





#13
Acrolein
Concen: 865.638 ug/l
RT: 3.975 min Scan# 310
Delta R.T. -0.012 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

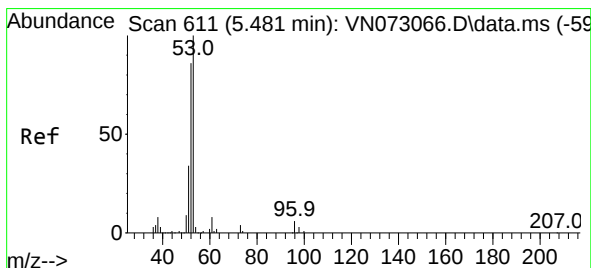
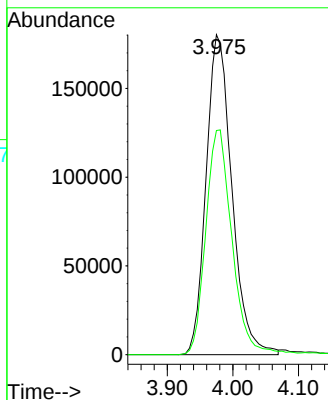
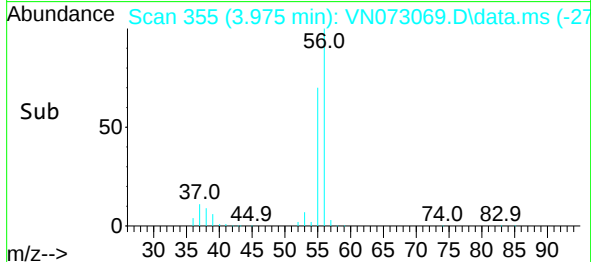
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



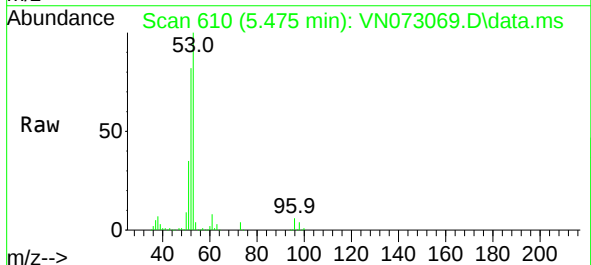
Tgt Ion: 56 Resp: 492970
Ion Ratio Lower Upper
56 100
55 71.1 57.6 86.4

Manual Integrations
APPROVED

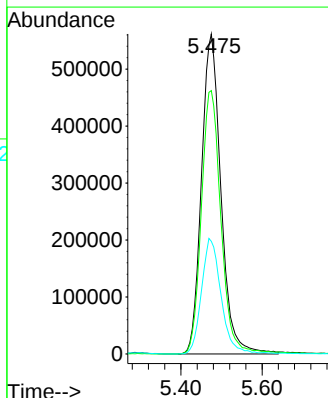
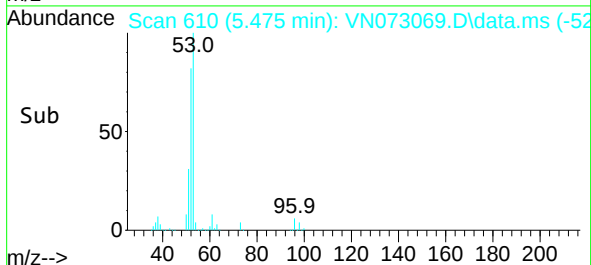
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

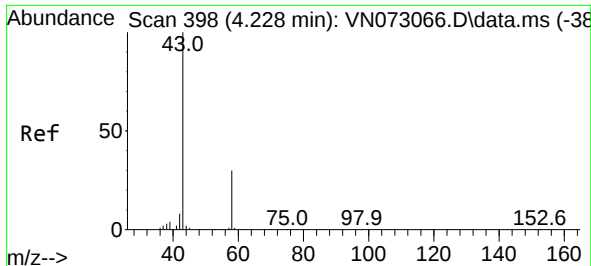


#14
Acrylonitrile
Concen: 753.032 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



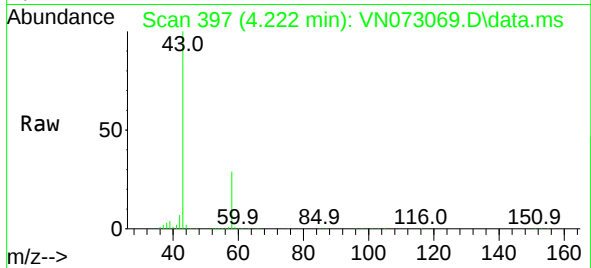
Tgt Ion: 53 Resp: 1866034
Ion Ratio Lower Upper
53 100
52 82.2 41.8 125.4
51 36.1 19.0 57.0





#15
Acetone
Concen: 758.382 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

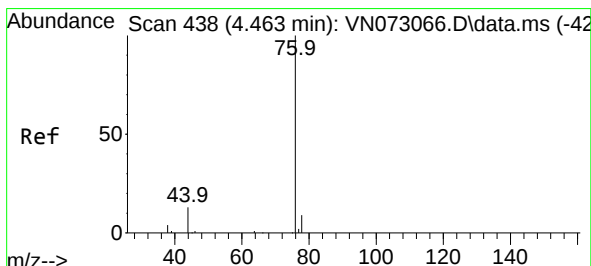
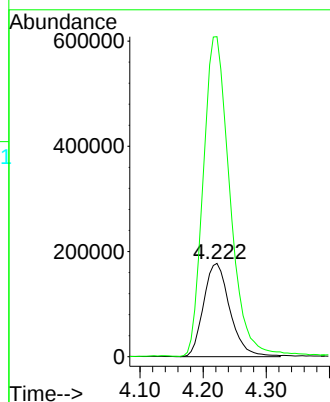
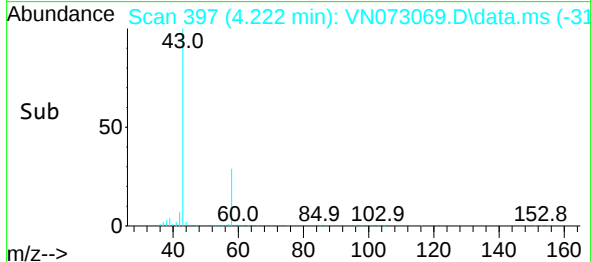
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



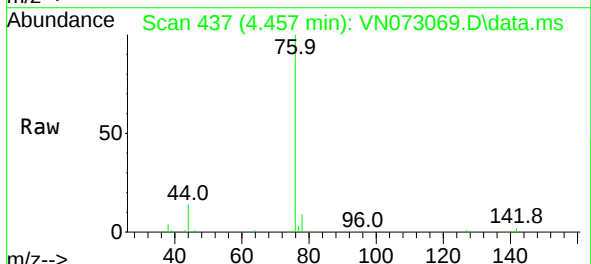
Tgt Ion: 58 Resp: 514538
Ion Ratio Lower Upper
58 100
43 342.7 256.6 384.8

Manual Integrations
APPROVED

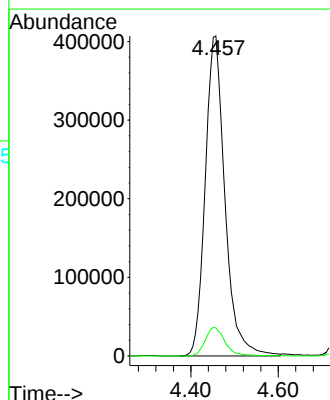
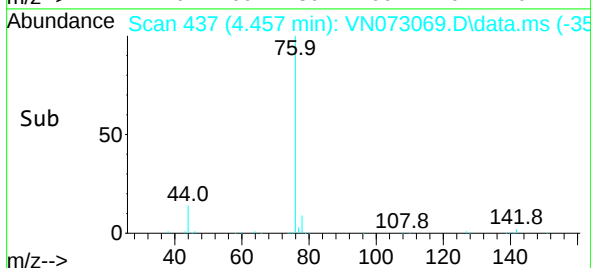
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

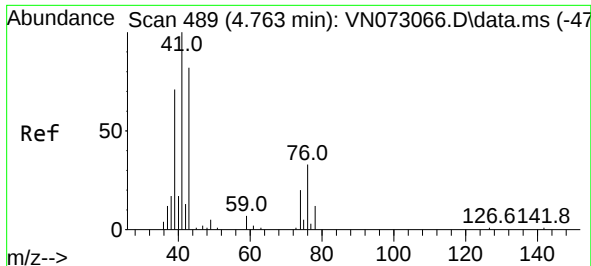


#16
Carbon Disulfide
Concen: 167.251 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



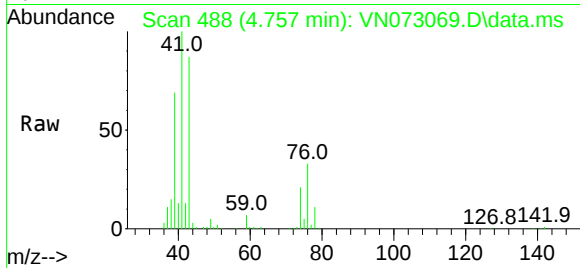
Tgt Ion: 76 Resp: 1275979
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17
 Allyl chloride
 Concen: 144.580 ug/l
 RT: 4.757 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

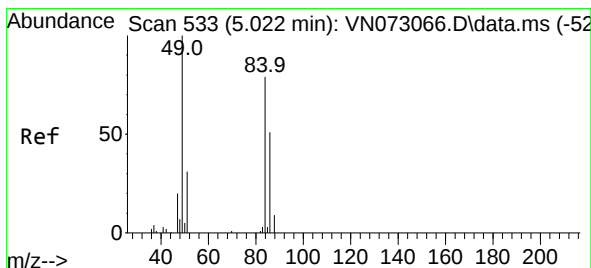
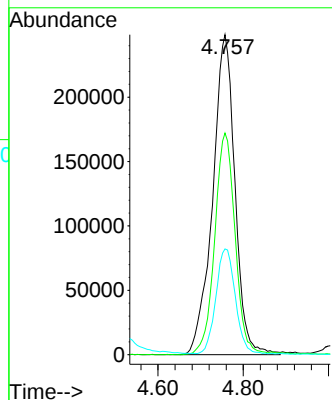
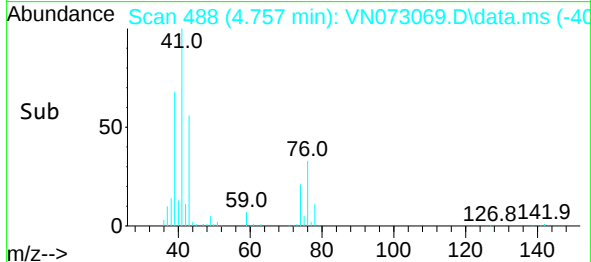
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC150



Tgt Ion: 41 Resp: 90404
 Ion Ratio Lower Upper
 41 100
 39 69.3 44.6 134.0
 76 32.7 19.6 58.7

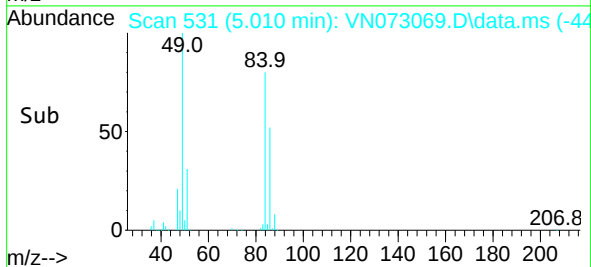
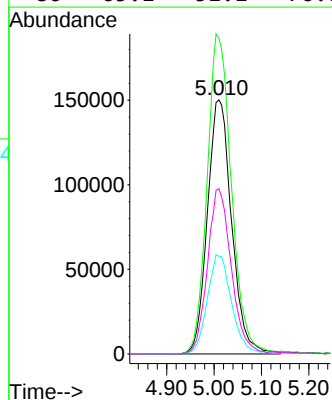
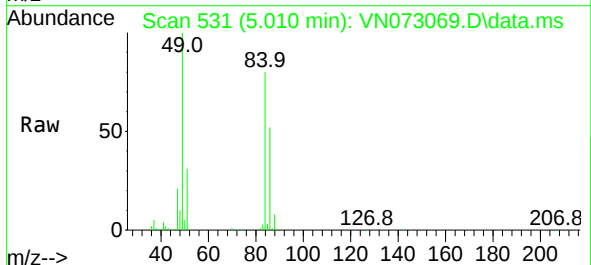
Manual Integrations
 APPROVED

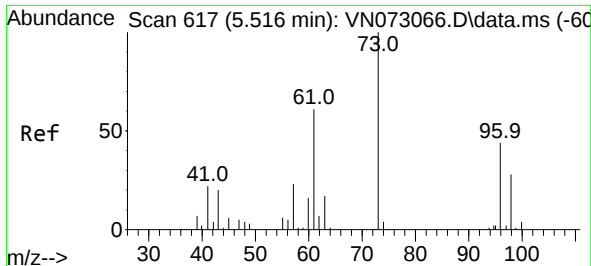
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#18
 Methylene Chloride
 Concen: 144.555 ug/l
 RT: 5.010 min Scan# 531
 Delta R.T. -0.012 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

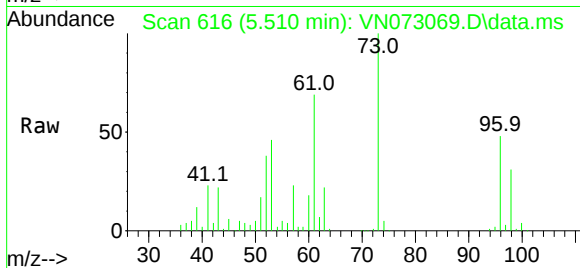
Tgt Ion: 84 Resp: 534304
 Ion Ratio Lower Upper
 84 100
 49 124.2 91.4 137.0
 51 38.5 29.4 44.0
 86 65.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 150.594 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

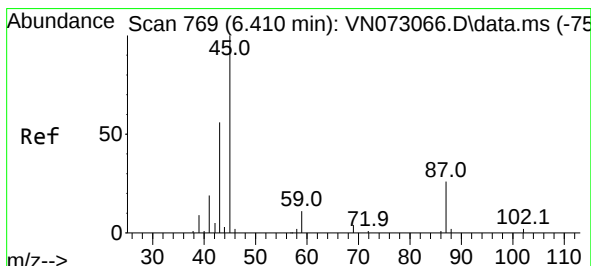
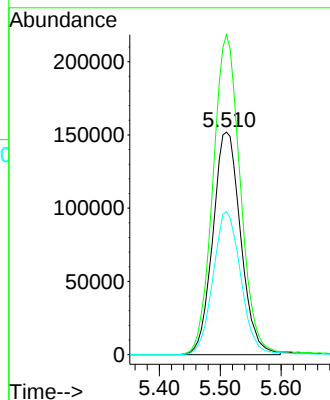
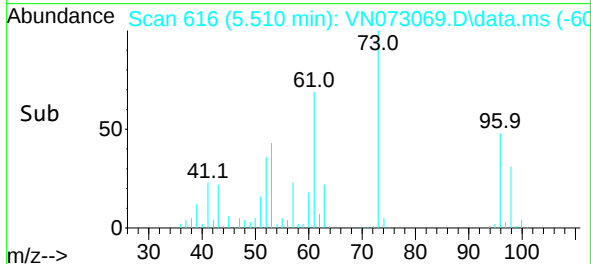
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 48149
Ion Ratio Lower Upper
96 100
61 143.7 102.8 154.2
98 64.4 49.3 73.9

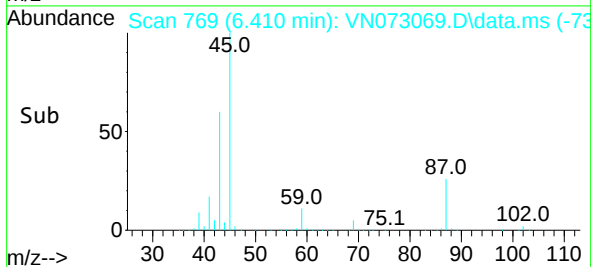
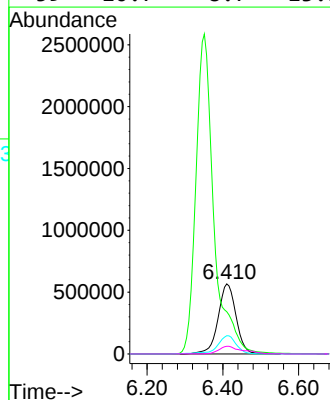
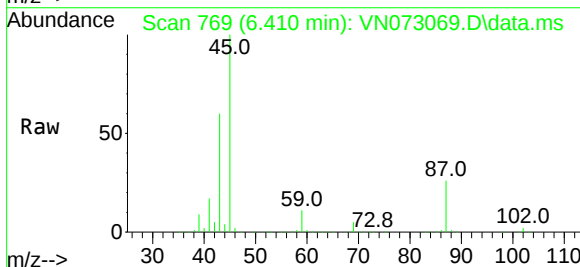
Manual Integrations
APPROVED

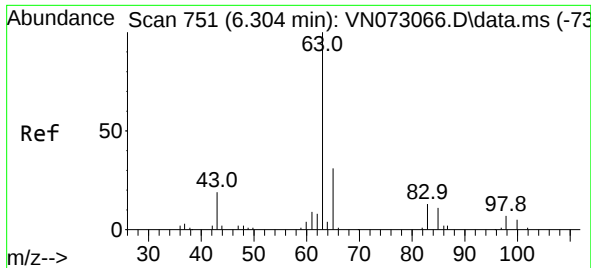
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Diisopropyl ether
Concen: 149.967 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Tgt Ion: 45 Resp: 1874188
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 26.0 25.0 37.4
59 10.7 8.7 13.1





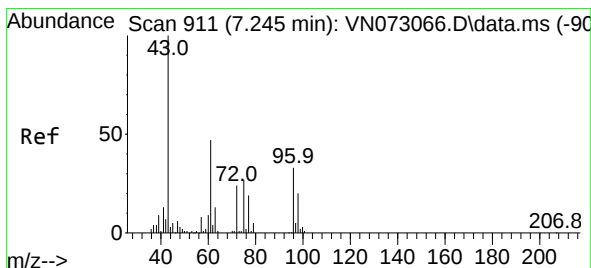
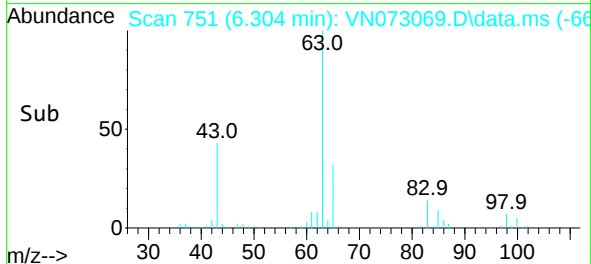
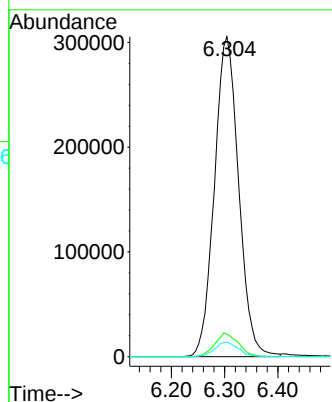
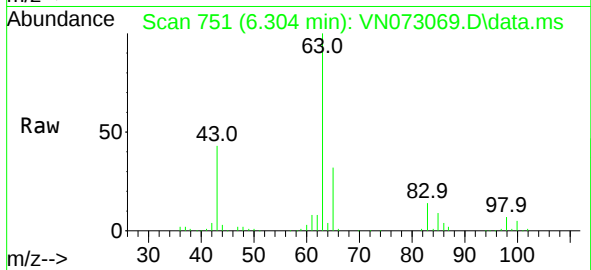
#21
1,1-Dichloroethane
Concen: 139.301 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 963620
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 4.6 2.1 6.2

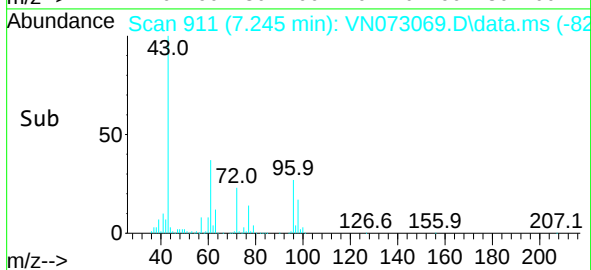
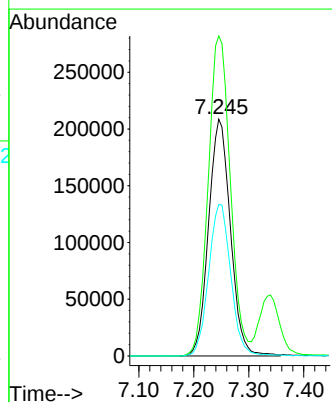
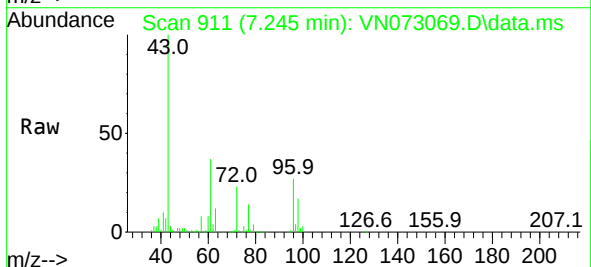
Manual Integrations
APPROVED

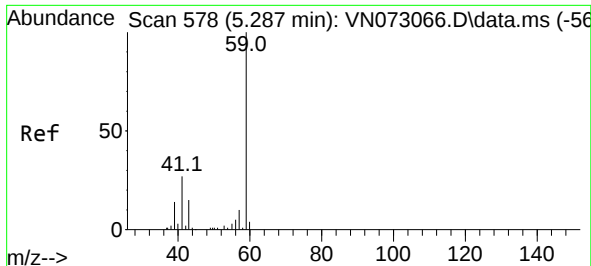
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 145.373 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

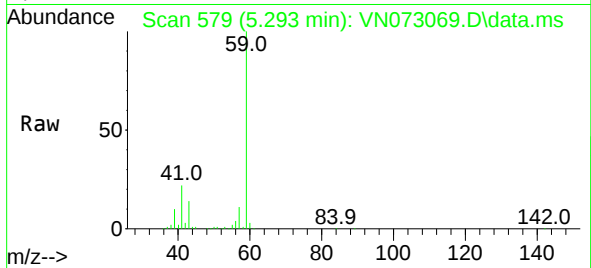
Tgt Ion: 96 Resp: 576156
Ion Ratio Lower Upper
96 100
61 137.2 115.7 173.5
98 64.4 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 728.147 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

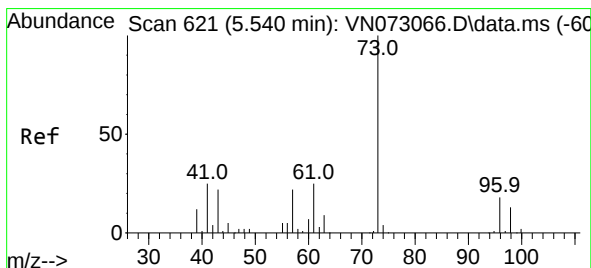
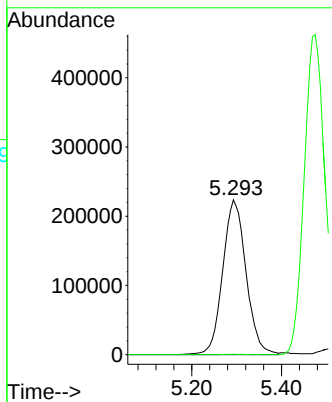
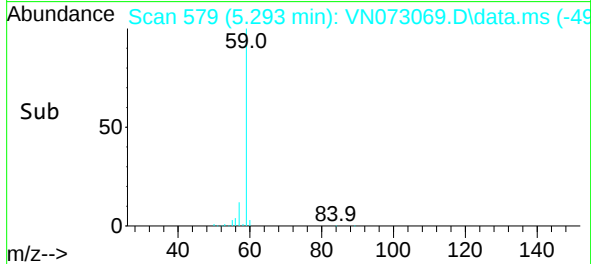
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 809280
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

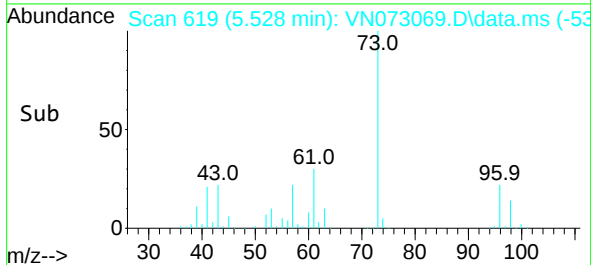
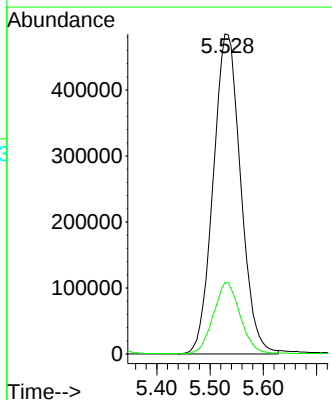
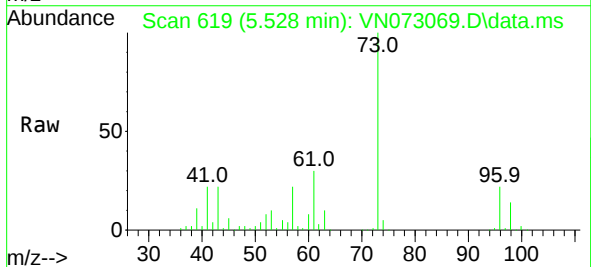
Manual Integrations
APPROVED

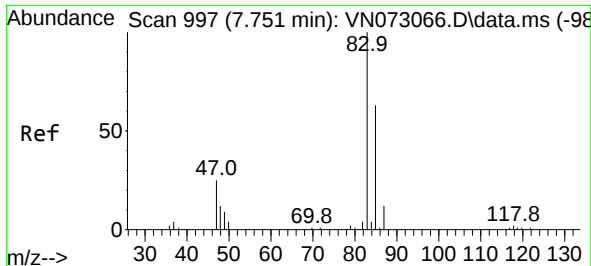
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#24
Methyl tert-Butyl Ether
Concen: 135.469 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

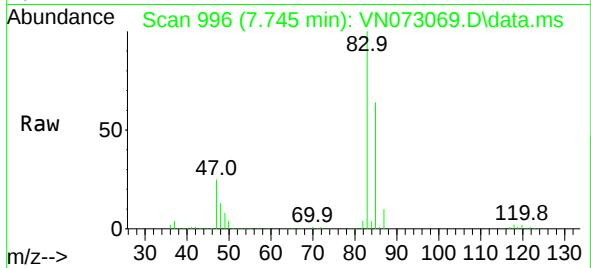
Tgt Ion: 73 Resp: 1735036
Ion Ratio Lower Upper
73 100
43 21.6 18.1 27.1





#25
Chloroform
Concen: 137.957 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

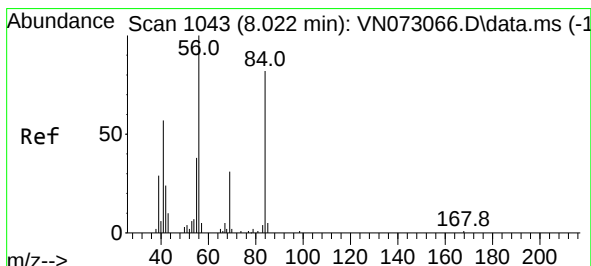
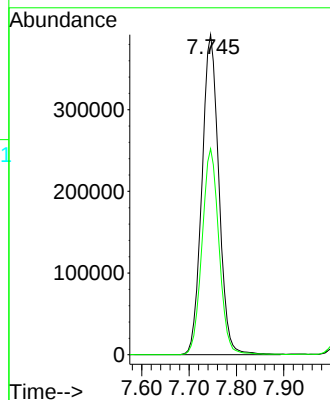
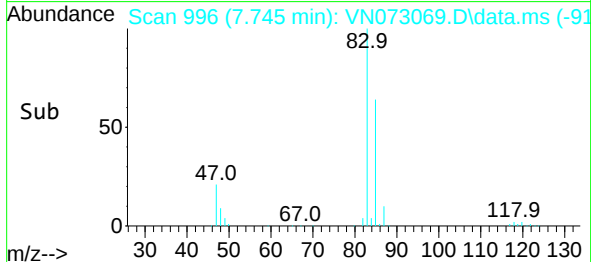
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 973048
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9

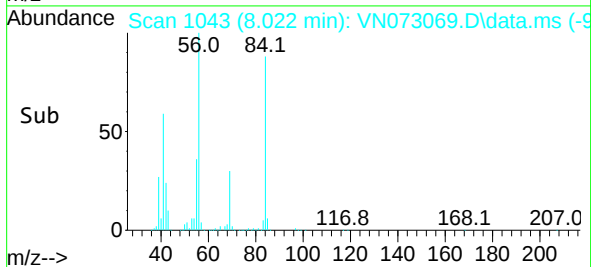
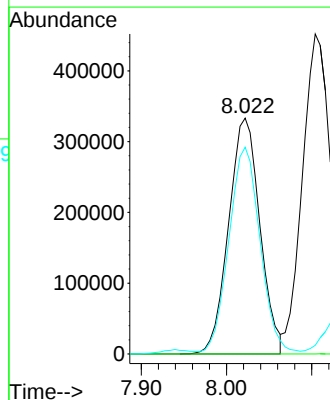
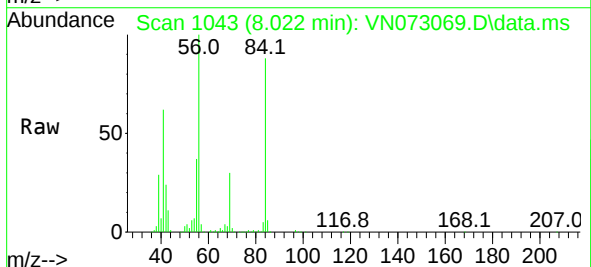
Manual Integrations
APPROVED

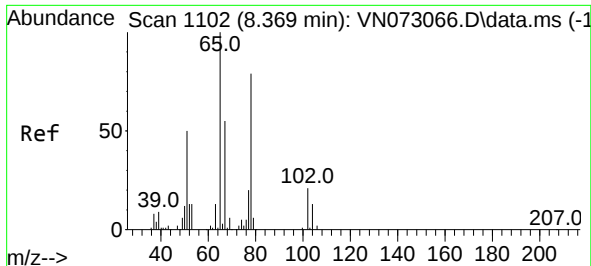
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 146.404 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

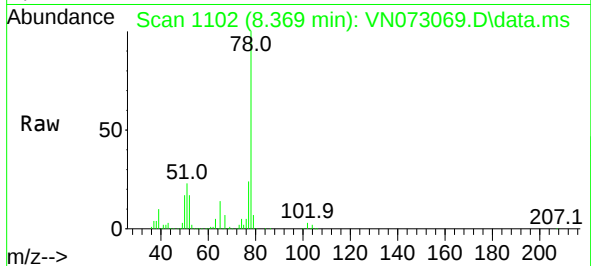
Tgt Ion: 56 Resp: 851453
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 88.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 25.645 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

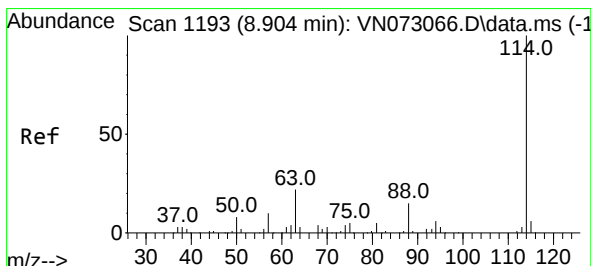
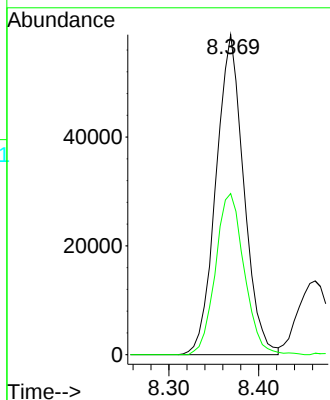
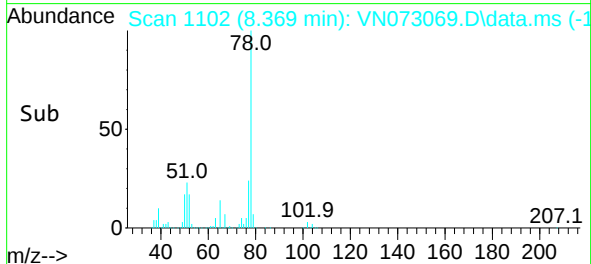
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



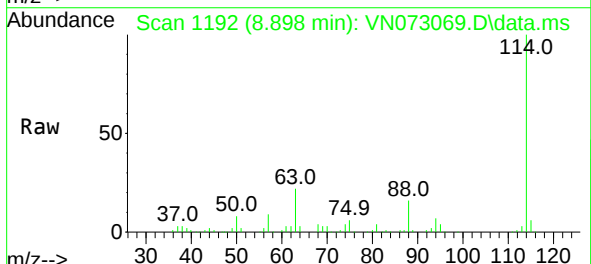
Tgt Ion: 65 Resp: 126700
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

Manual Integrations
APPROVED

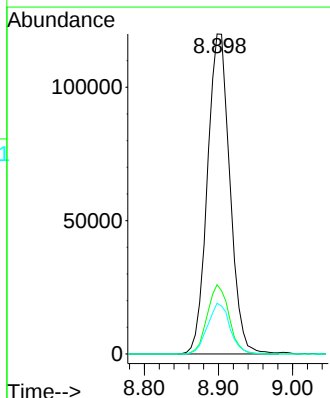
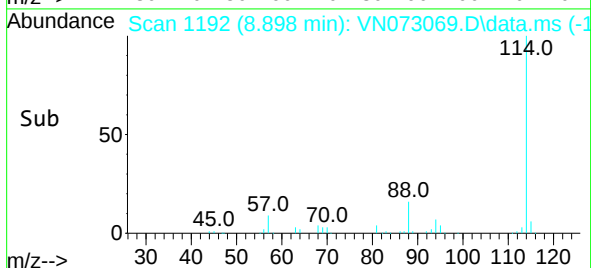
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

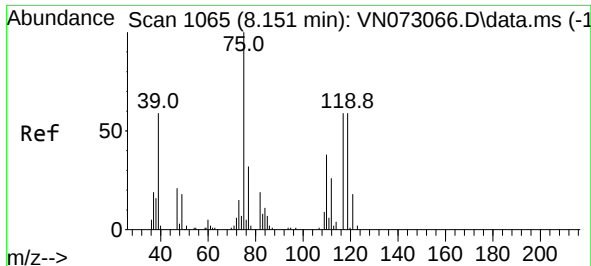


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion:114 Resp: 252545
Ion Ratio Lower Upper
114 100
63 20.9 15.8 23.6
88 15.7 11.6 17.4





#29

1,1-Dichloropropene

Concen: 150.356 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 717768

Ion Ratio Lower Upper

75 100

110 35.1 0.0 74.2

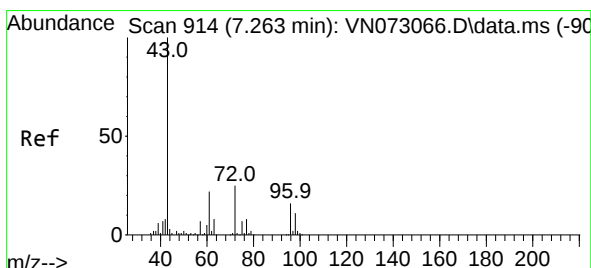
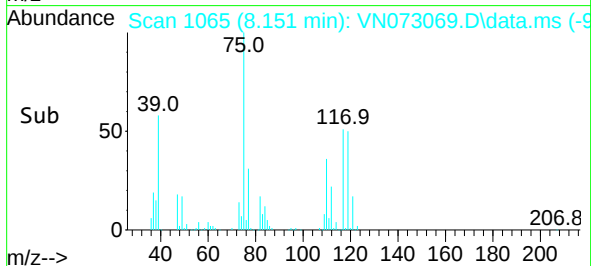
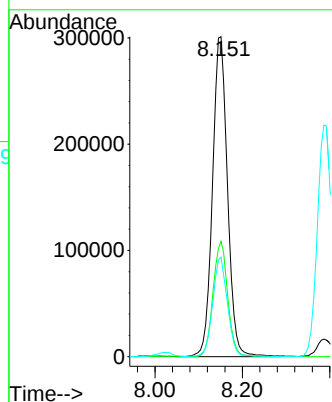
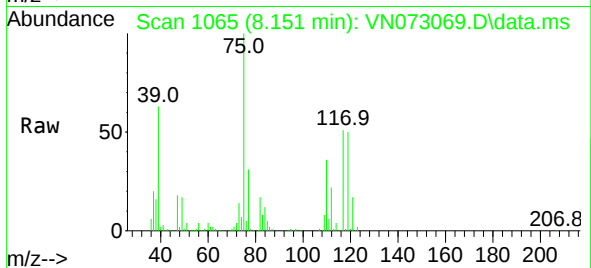
77 30.7 0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

2-Butanone

Concen: 780.669 ug/l

RT: 7.257 min Scan# 913

Delta R.T. -0.006 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

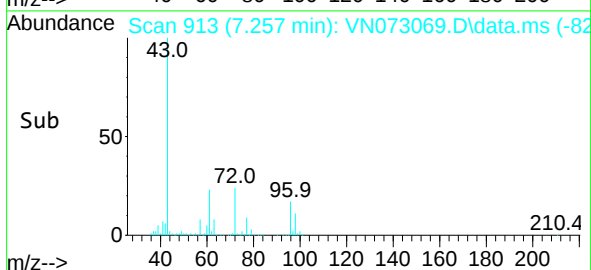
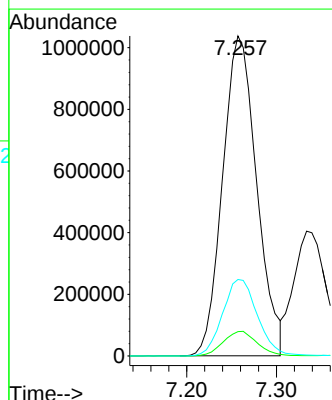
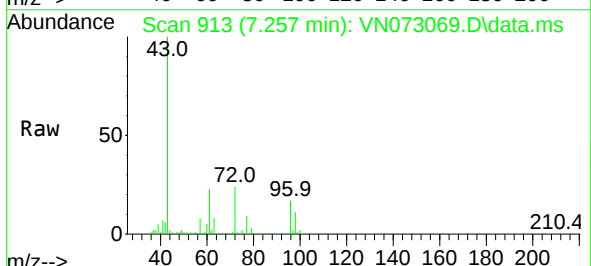
Tgt Ion: 43 Resp: 2738983

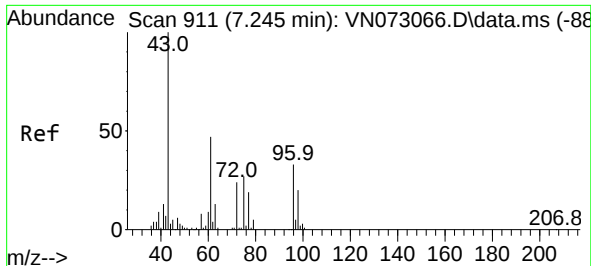
Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

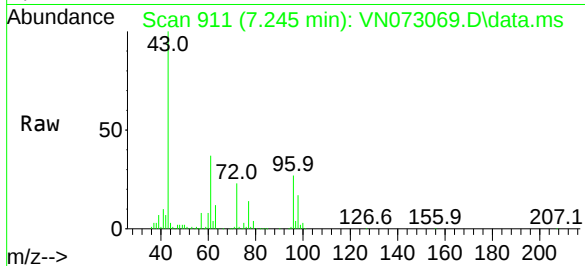
72 24.5 23.2 34.8





#31
2,2-Dichloropropane
Concen: 56.211 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

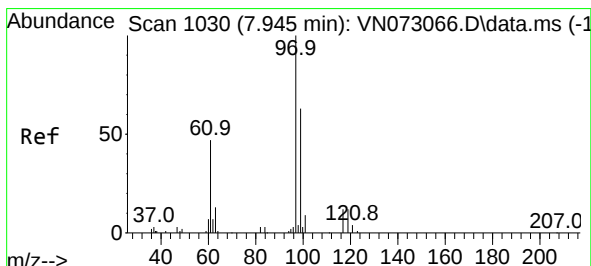
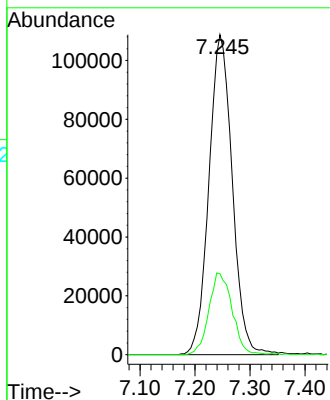
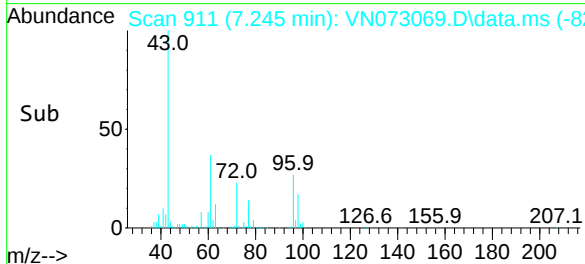
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



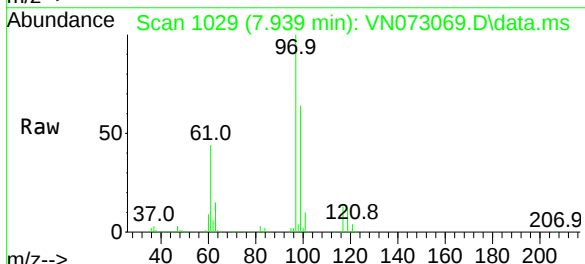
Tgt Ion: 77 Resp: 320360
Ion Ratio Lower Upper
77 100
97 25.5 18.3 27.5

Manual Integrations
APPROVED

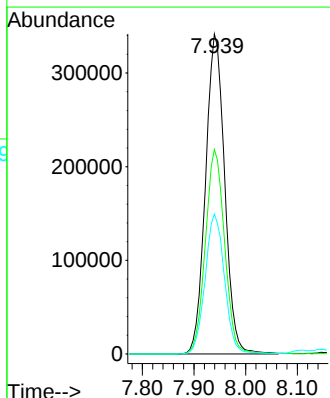
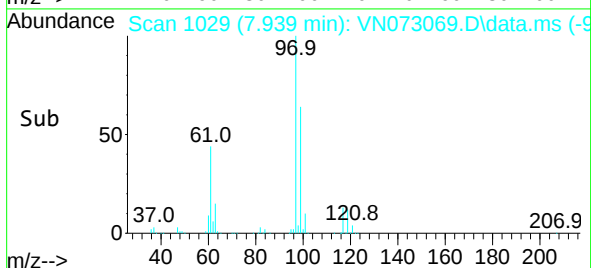
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

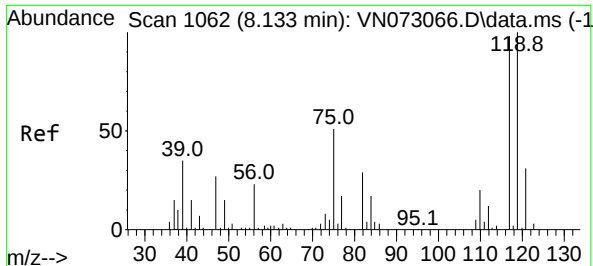


#32
1,1,1-Trichloroethane
Concen: 142.972 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



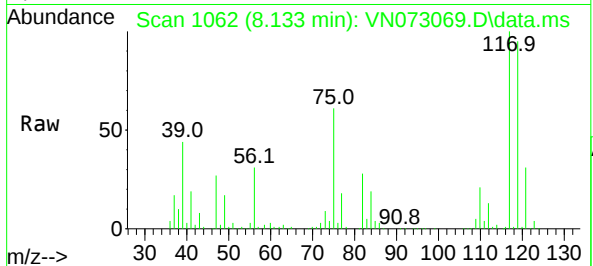
Tgt Ion: 97 Resp: 880311
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 44.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 141.867 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

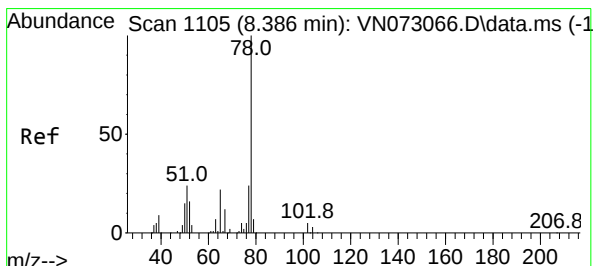
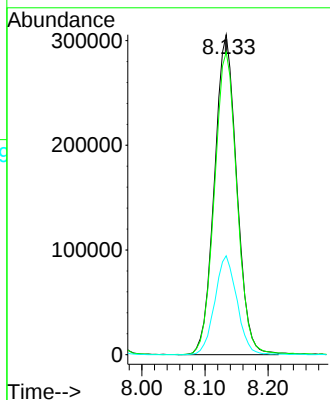
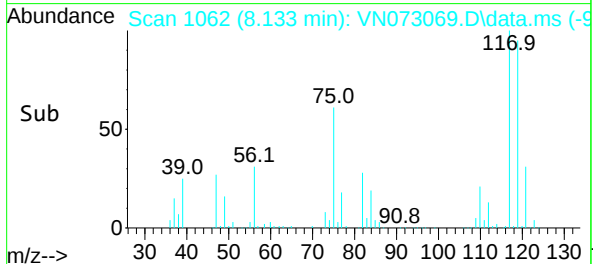
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



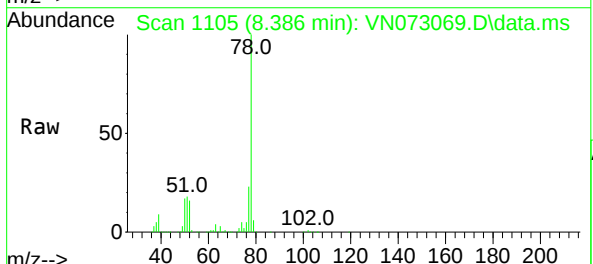
Tgt Ion:117 Resp: 75170
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 30.9 23.5 35.3

Manual Integrations
APPROVED

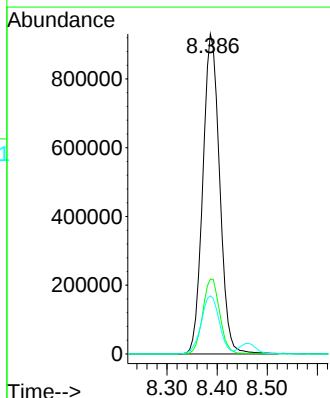
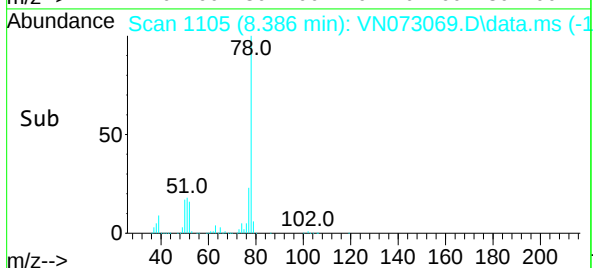
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

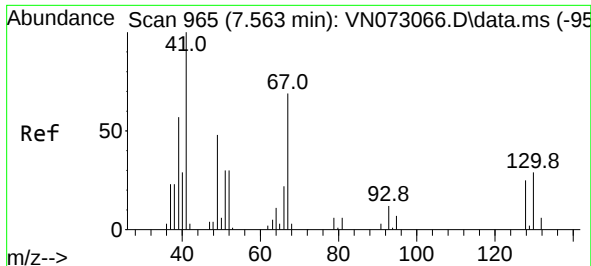


#34
Benzene
Concen: 151.536 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



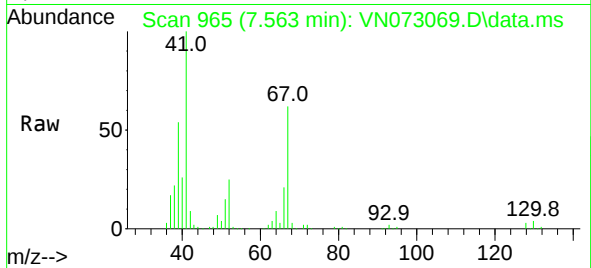
Tgt Ion: 78 Resp: 2171045
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 18.1 16.0 24.0





#35
Methacrylonitrile
Concen: 142.533 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

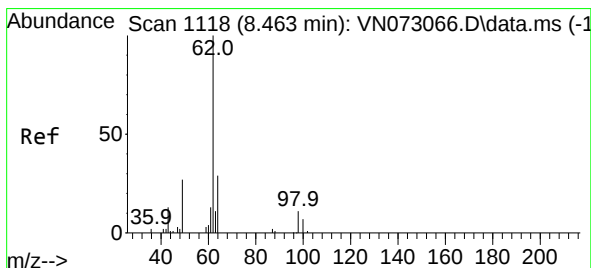
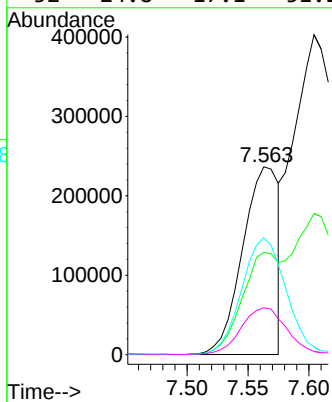
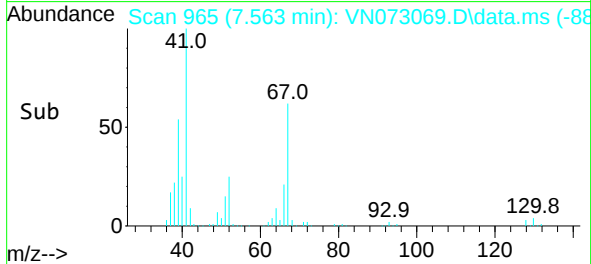
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



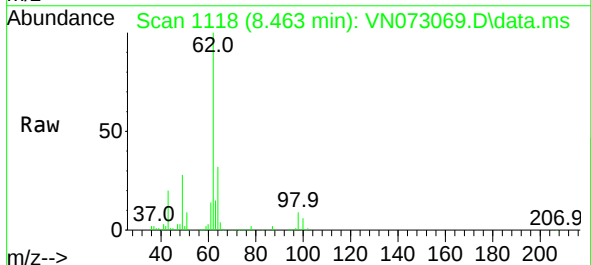
Tgt Ion: 41 Resp: 486870
Ion Ratio Lower Upper
41 100
39 54.4 28.0 83.9
67 62.4 37.7 113.1
52 24.8 17.1 51.2

Manual Integrations
APPROVED

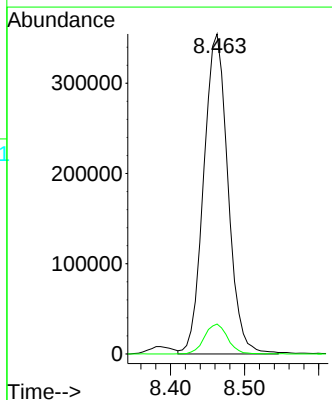
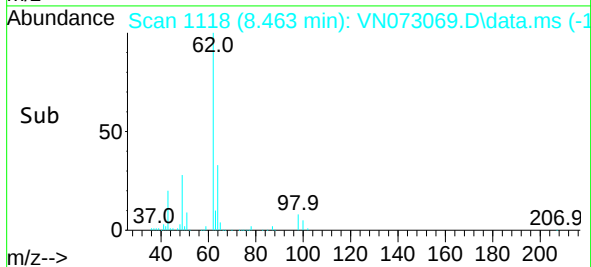
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

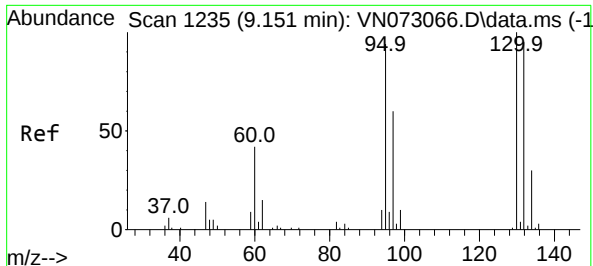


#36
1,2-Dichloroethane
Concen: 137.608 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion: 62 Resp: 807083
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0





#37

Trichloroethene

Concen: 159.264 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. -0.006 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:130 Resp: 55039

Ion Ratio Lower Upper

130 100

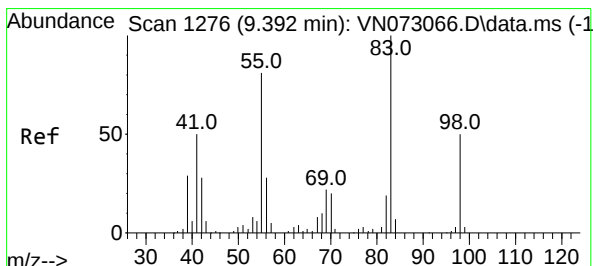
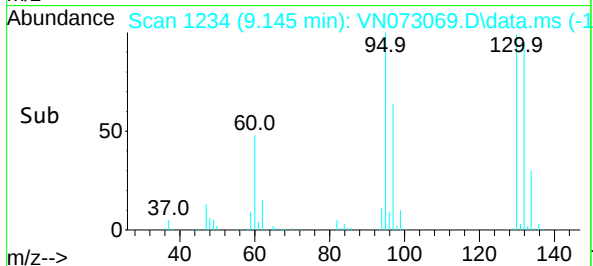
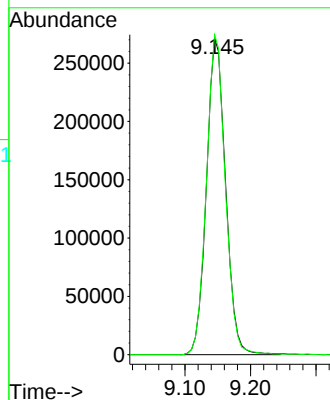
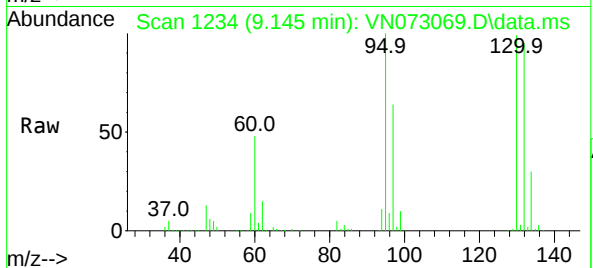
95 101.1 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Methylcyclohexane

Concen: 149.274 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

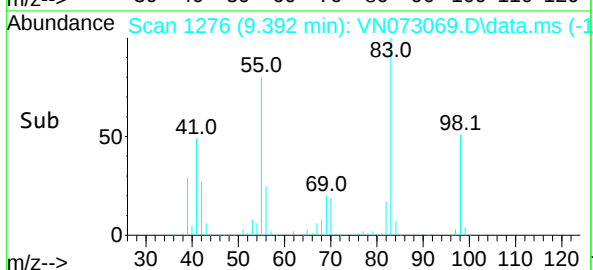
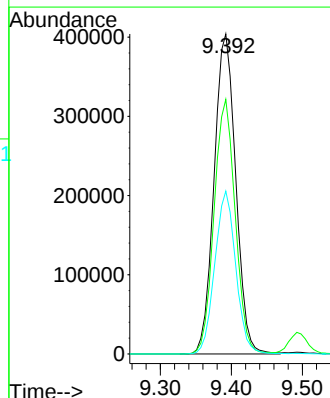
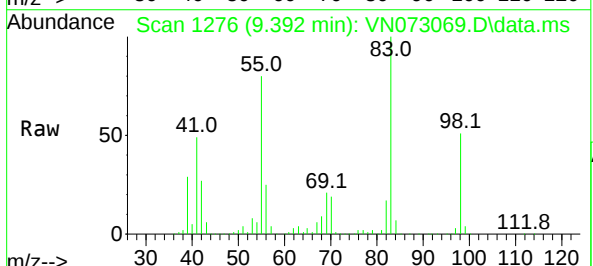
Tgt Ion: 83 Resp: 853419

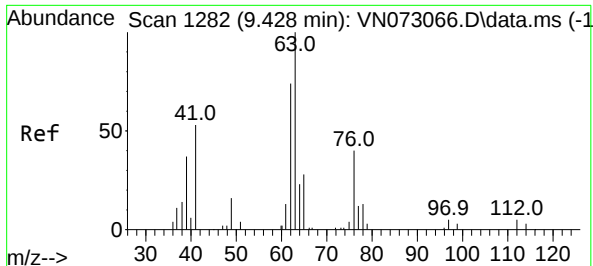
Ion Ratio Lower Upper

83 100

55 77.8 35.1 105.3

98 49.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 143.908 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 558264

Ion Ratio Lower Upper

63 100

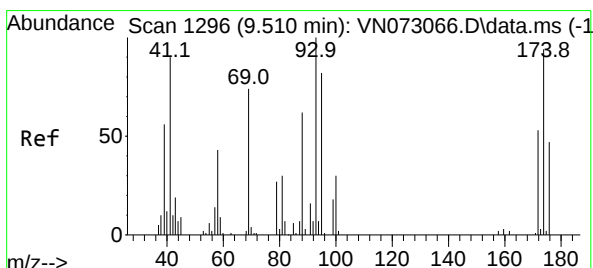
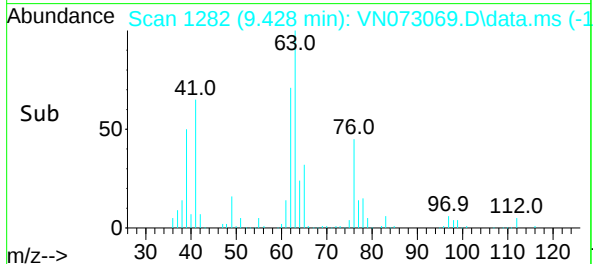
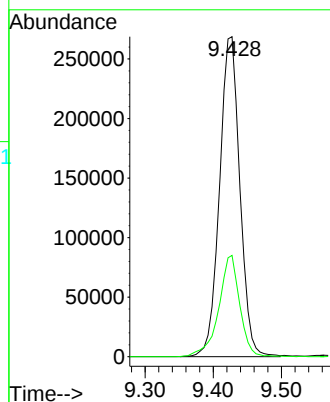
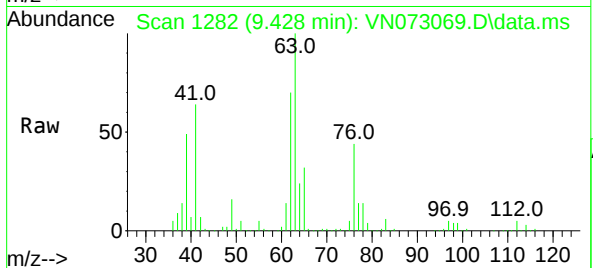
65 31.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 141.448 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

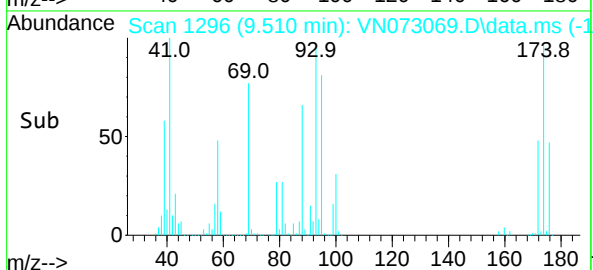
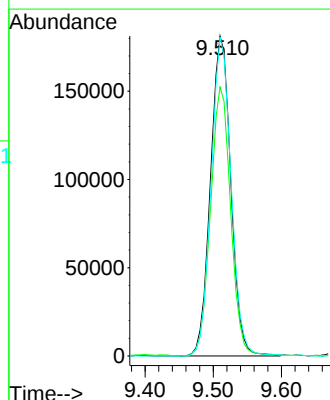
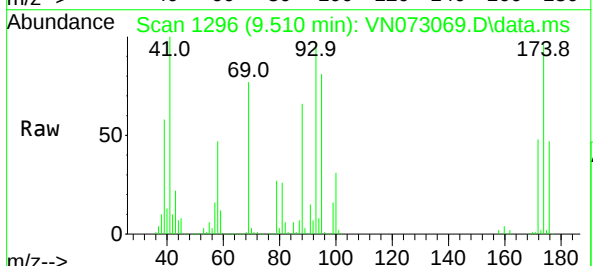
Tgt Ion: 93 Resp: 376401

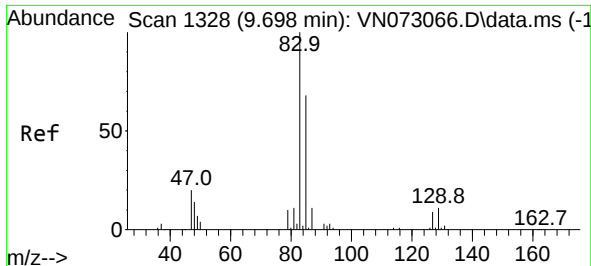
Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.8

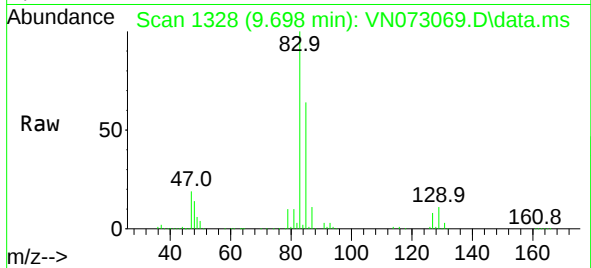
174 97.8 0.0 173.6





#41
Bromodichloromethane
Concen: 140.966 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

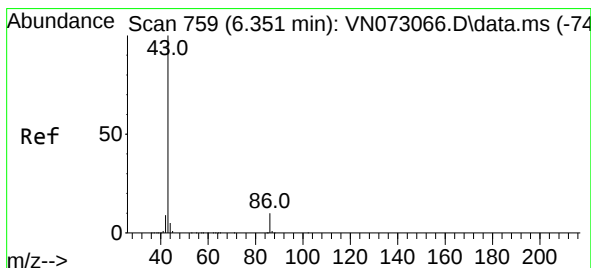
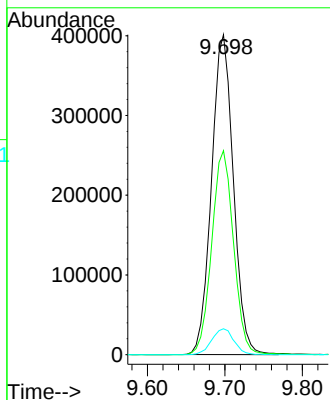
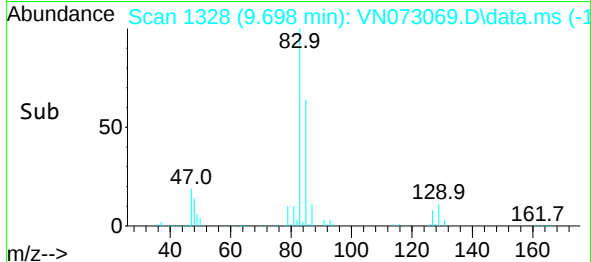
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 785660
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 8.1 7.6 11.4

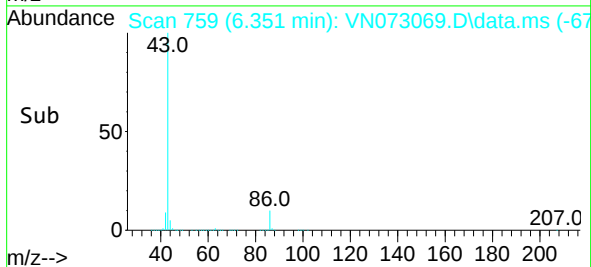
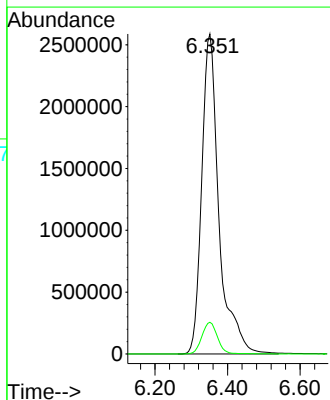
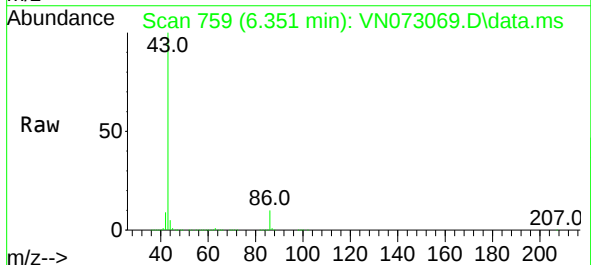
Manual Integrations
APPROVED

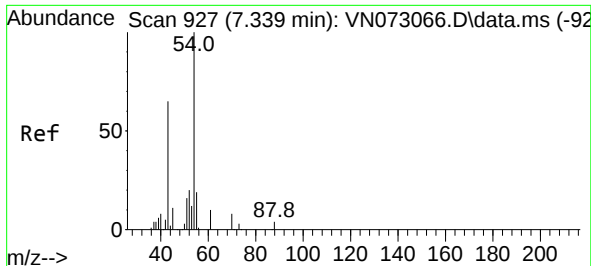
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Vinyl Acetate
Concen: 757.848 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

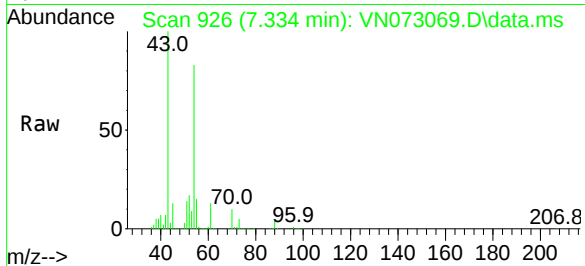
Tgt Ion: 43 Resp: 8524881
Ion Ratio Lower Upper
43 100
86 8.9 7.5 11.3





#43
Ethyl Acetate
Concen: 155.075 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

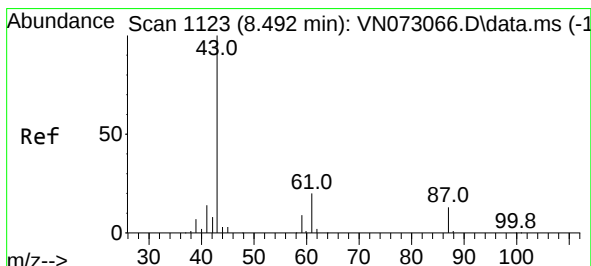
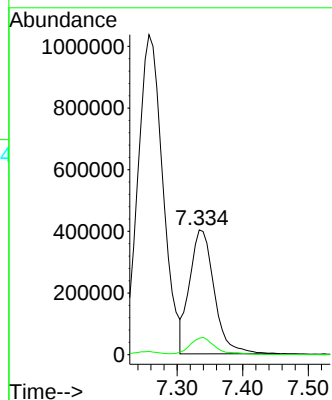
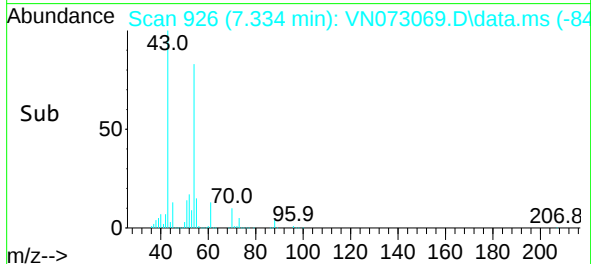
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 104731
Ion Ratio Lower Upper
43 100
45 14.7 10.6 16.0

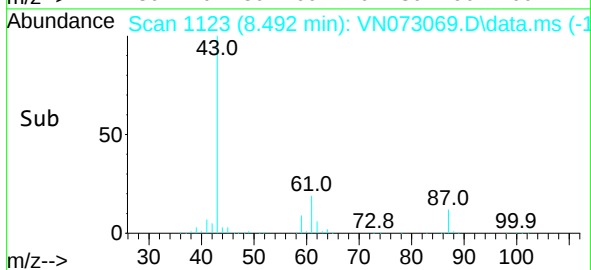
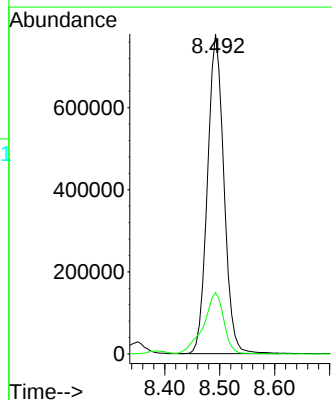
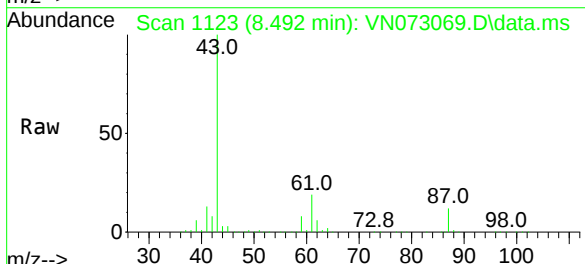
Manual Integrations
APPROVED

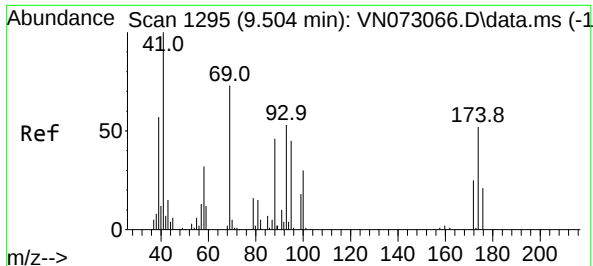
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
Isopropyl Acetate
Concen: 148.486 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

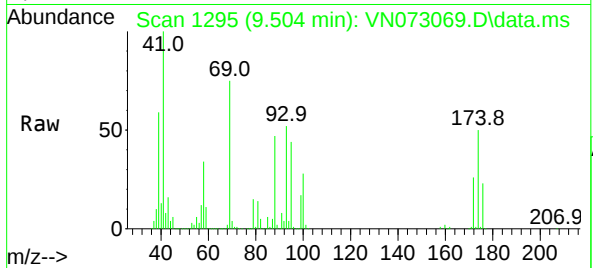
Tgt Ion: 43 Resp: 1616977
Ion Ratio Lower Upper
43 100
61 23.9 20.1 30.1





#45
1,4-Dioxane
Concen: 3269.214 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

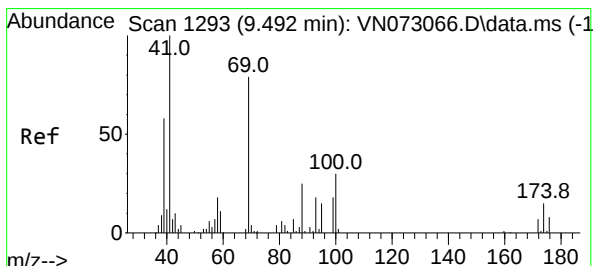
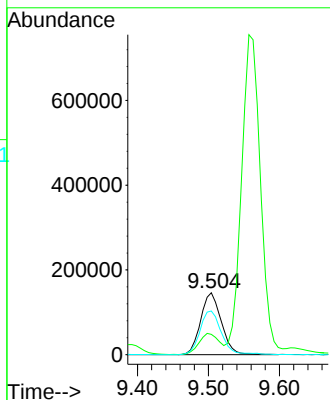
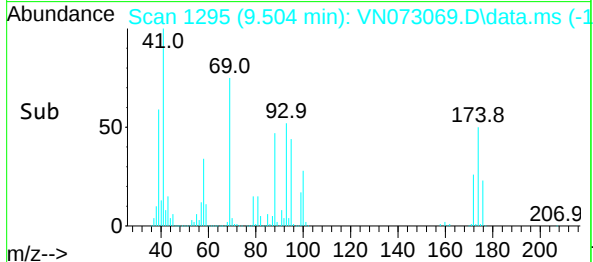
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



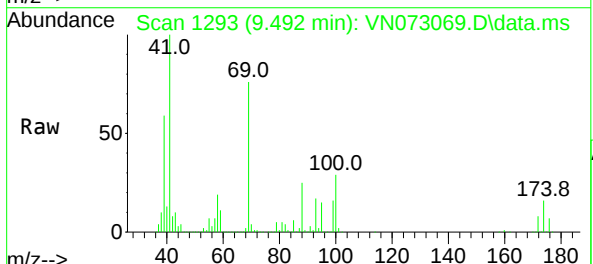
Tgt Ion: 88 Resp: 296127
Ion Ratio Lower Upper
88 100
43 33.3 25.0 37.6
58 71.7 49.4 74.2

Manual Integrations
APPROVED

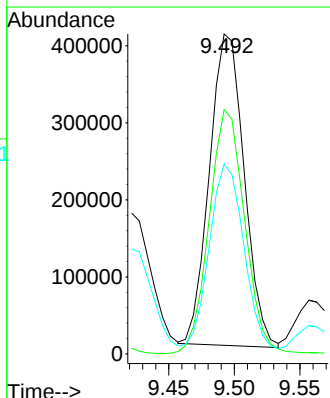
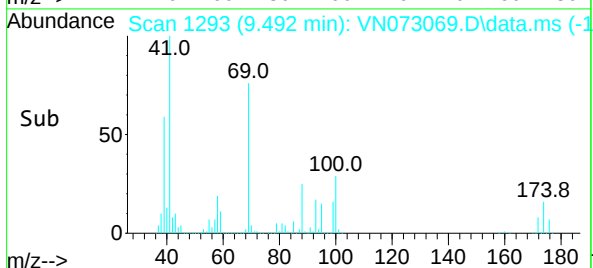
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

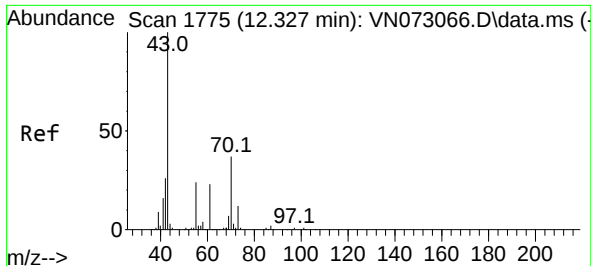


#46
Methyl methacrylate
Concen: 152.307 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



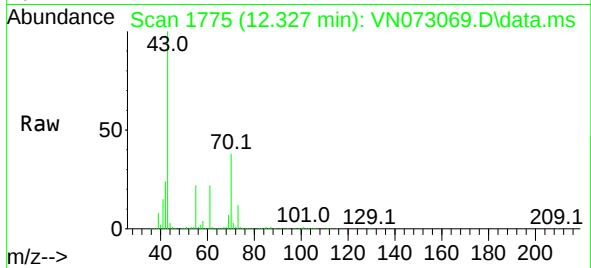
Tgt Ion: 41 Resp: 745232
Ion Ratio Lower Upper
41 100
69 78.2 44.4 133.2
39 59.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 160.746 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

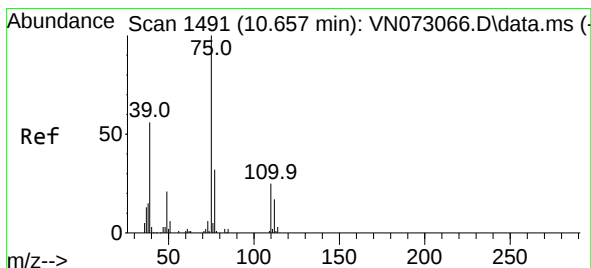
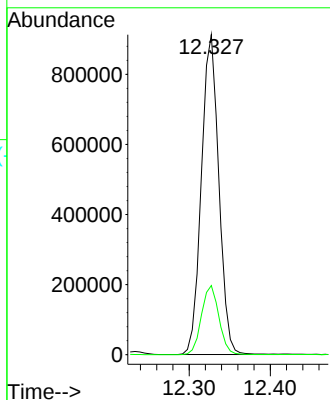
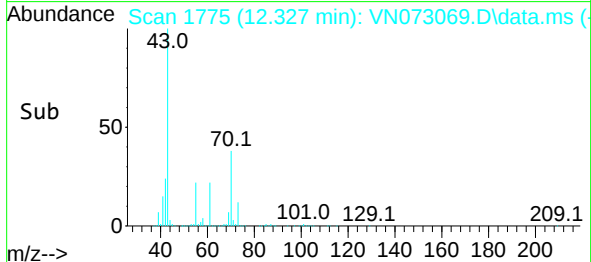
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



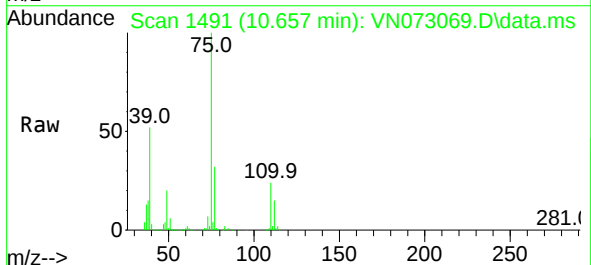
Tgt Ion: 43 Resp: 136170
Ion Ratio Lower Upper
43 100
55 21.7 19.0 28.6

Manual Integrations
APPROVED

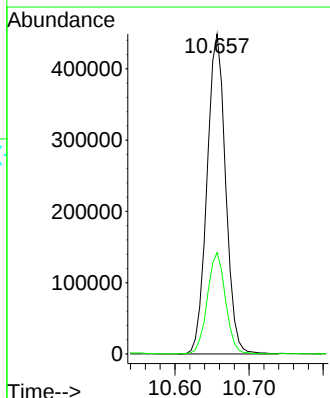
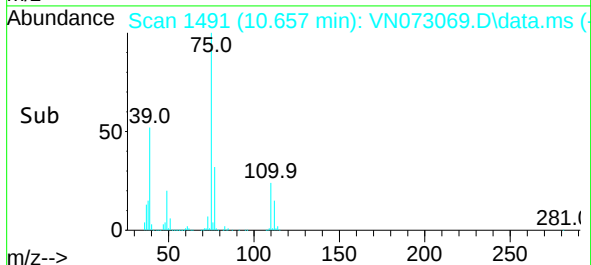
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

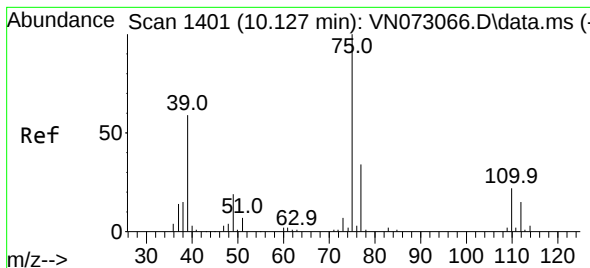


#48
t-1,3-Dichloropropene
Concen: 126.057 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



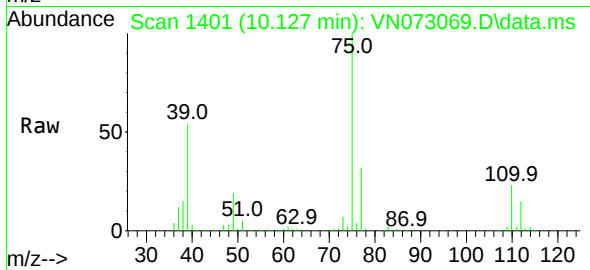
Tgt Ion: 75 Resp: 780765
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 127.322 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

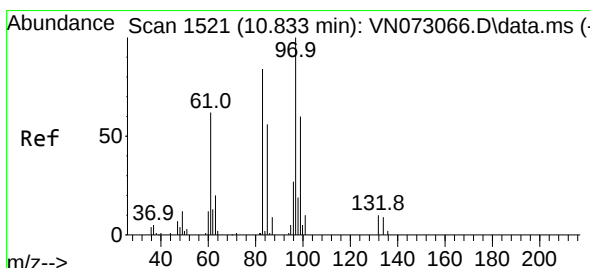
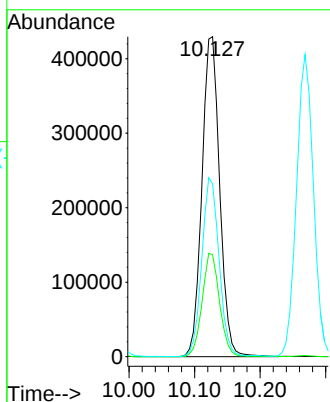
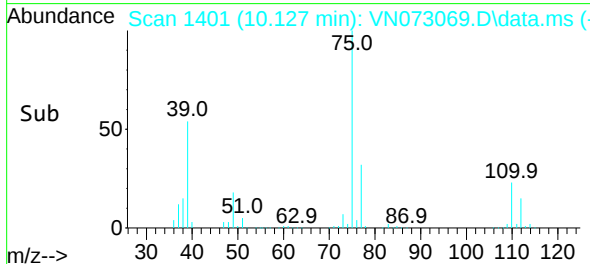
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 809879
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 53.9 46.2 69.4

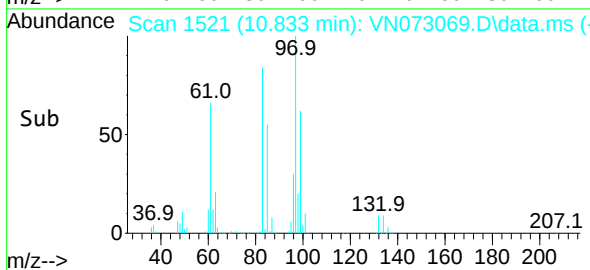
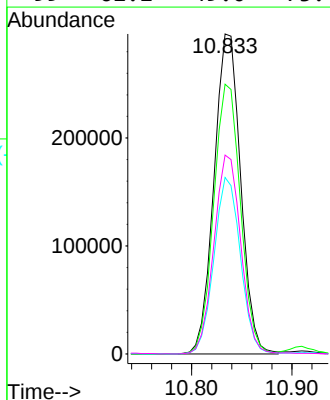
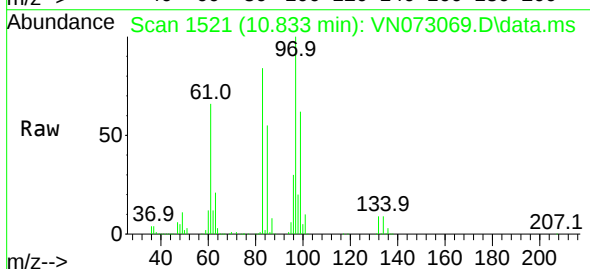
Manual Integrations
 APPROVED

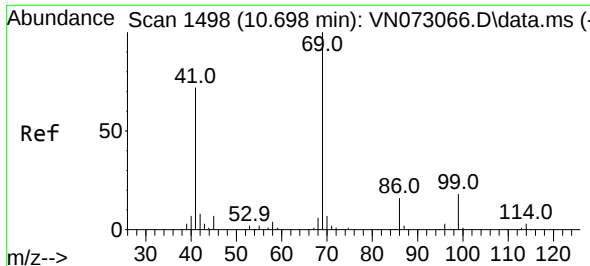
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 145.543 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

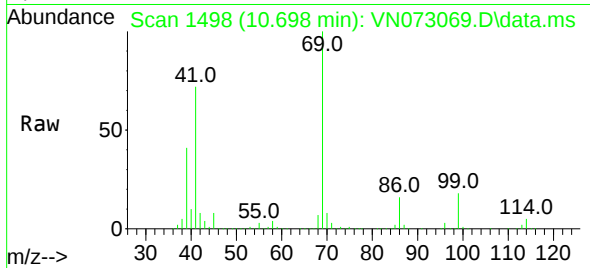
Tgt Ion: 97 Resp: 547034
 Ion Ratio Lower Upper
 97 100
 83 84.3 67.2 100.8
 85 55.2 43.0 64.4
 99 62.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 145.393 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

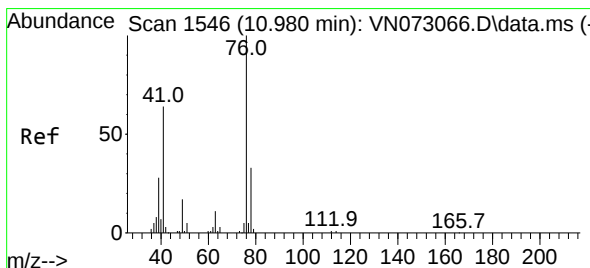
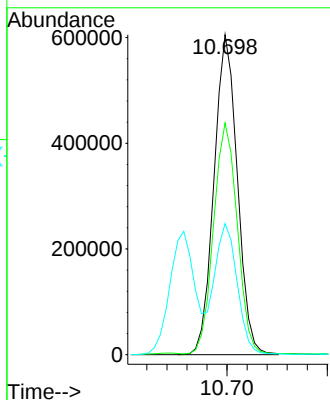
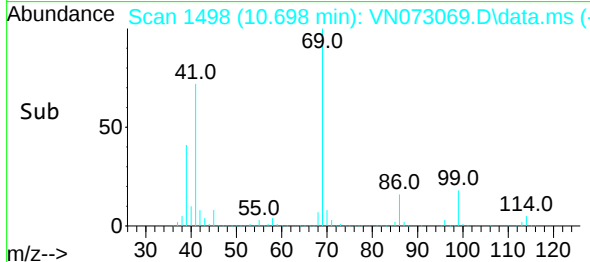
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



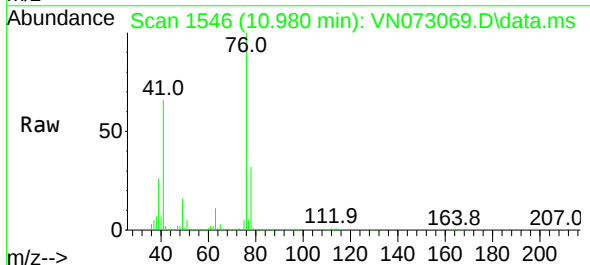
Tgt Ion: 69 Resp: 979663
Ion Ratio Lower Upper
69 100
41 72.1 33.0 98.9
39 40.7 25.4 76.4

Manual Integrations
APPROVED

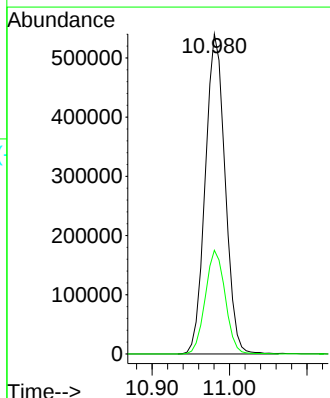
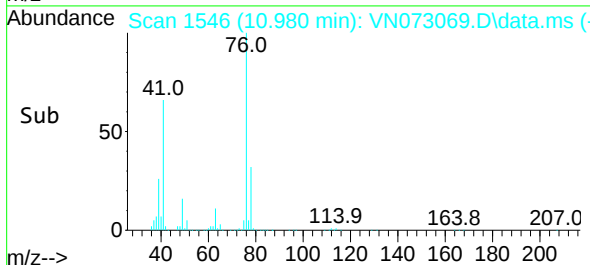
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

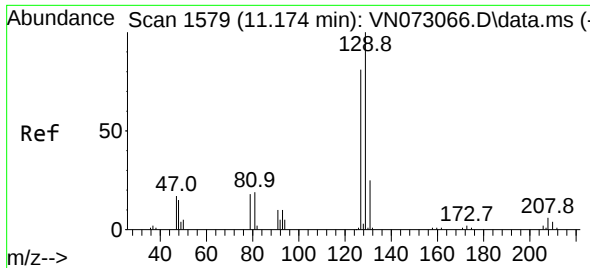


#52
1,3-Dichloropropane
Concen: 145.011 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



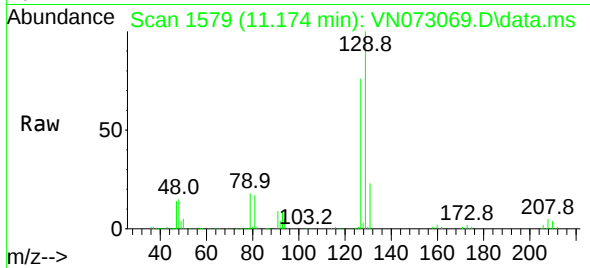
Tgt Ion: 76 Resp: 959663
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





#53
Dibromochloromethane
Concen: 149.151 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

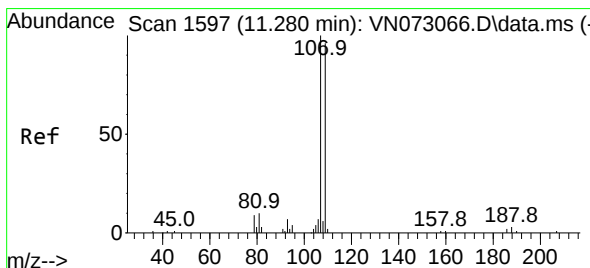
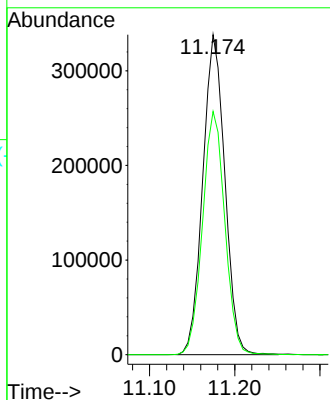
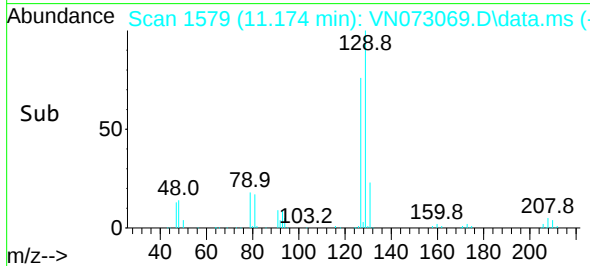
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



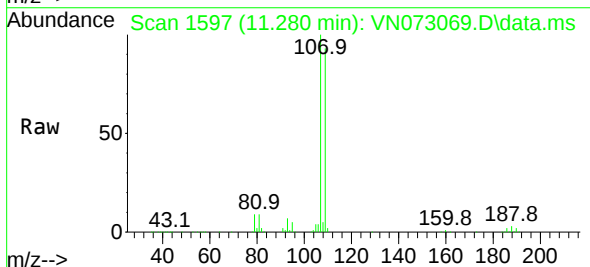
Tgt Ion:129 Resp: 608295
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

Manual Integrations
APPROVED

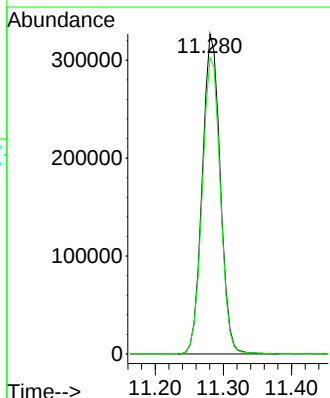
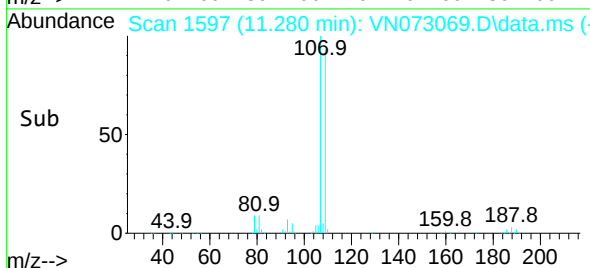
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

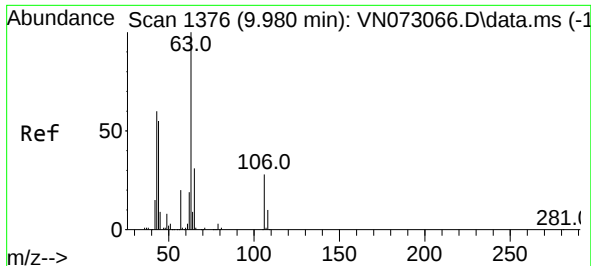


#54
1,2-Dibromoethane
Concen: 151.206 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



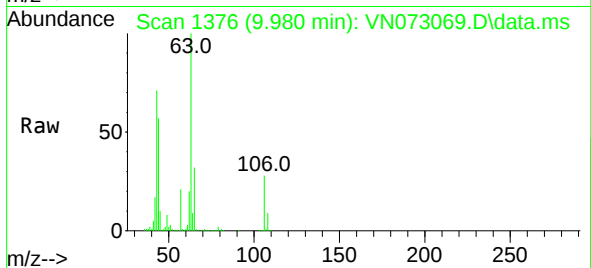
Tgt Ion:107 Resp: 597566
Ion Ratio Lower Upper
107 100
109 93.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 764.952 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

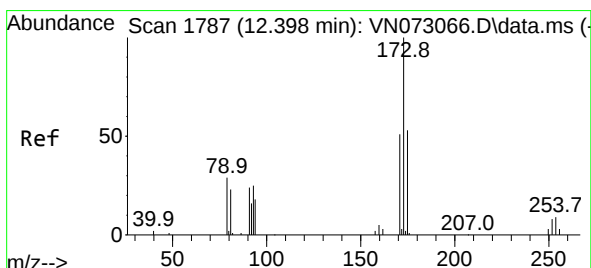
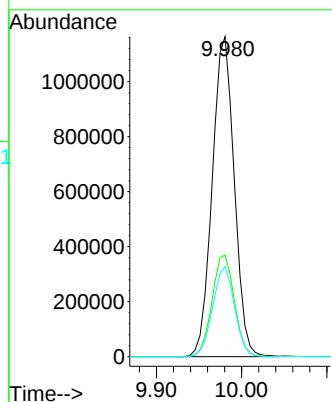
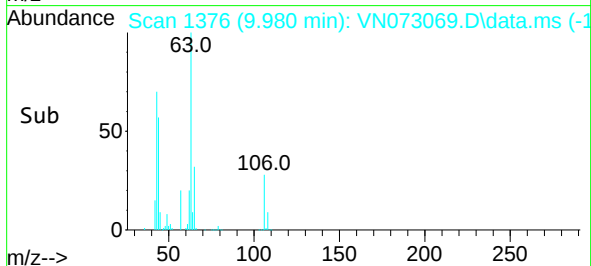
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 2092608
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 28.1 23.2 34.8

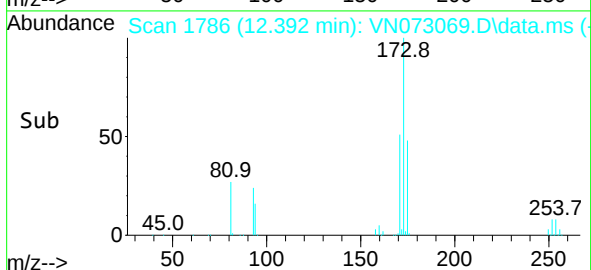
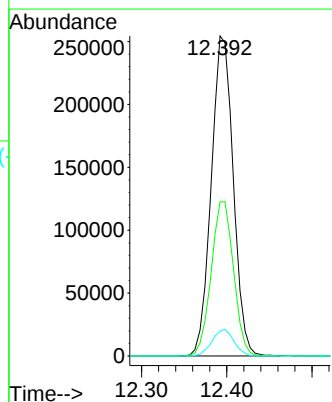
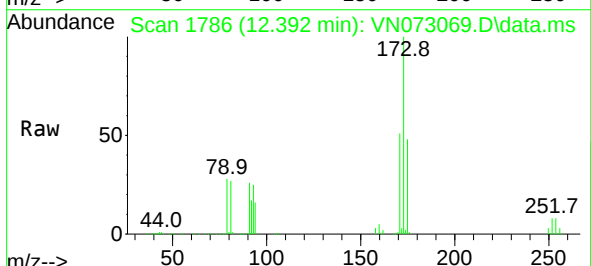
Manual Integrations
APPROVED

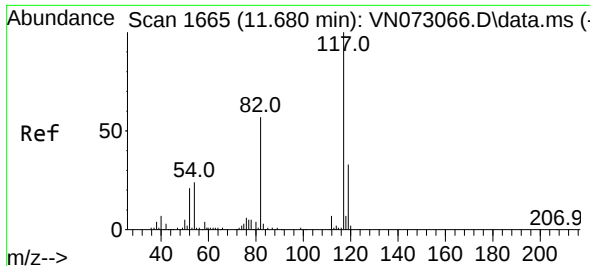
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
Bromoform
Concen: 158.979 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Tgt Ion:173 Resp: 456275
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 8.3 0.0 0.0#





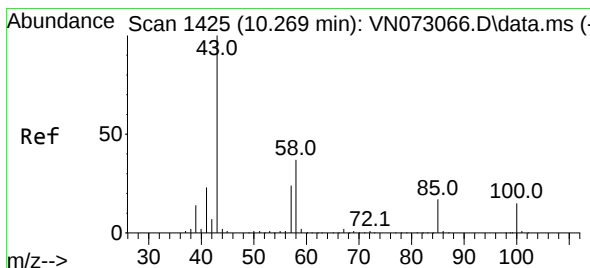
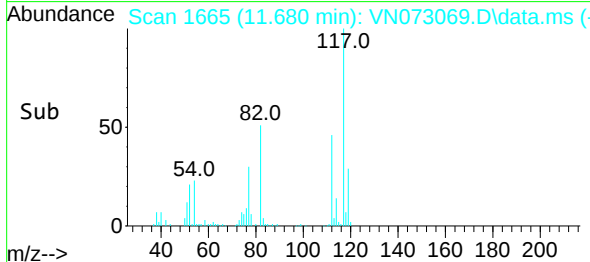
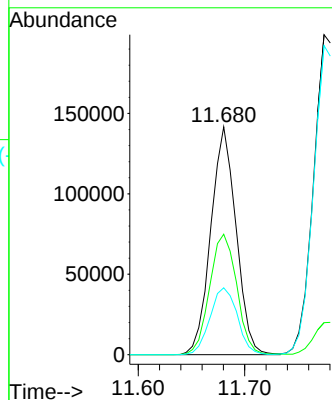
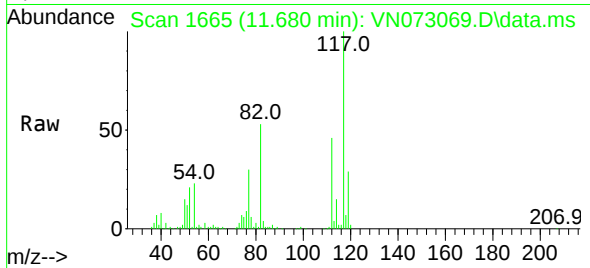
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 23373
Ion Ratio Lower Upper
117 100
82 56.6 43.6 65.4
119 31.8 25.8 38.6

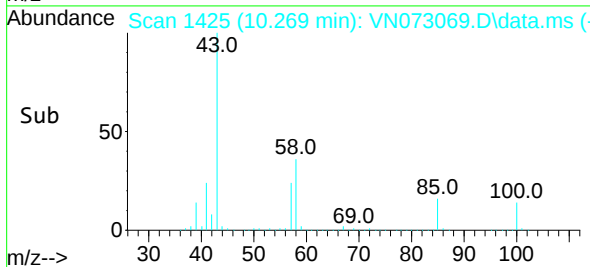
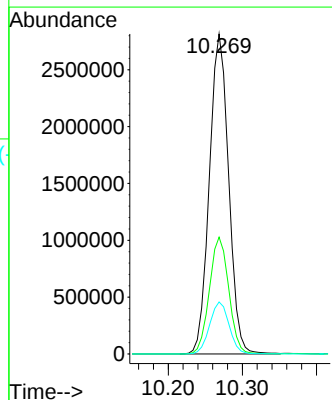
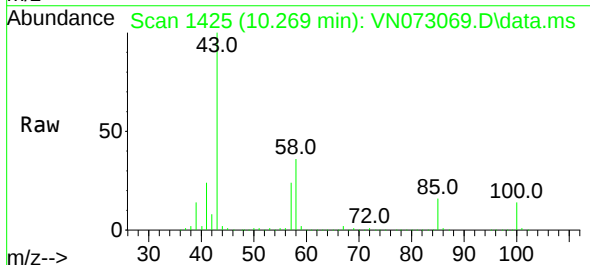
Manual Integrations
APPROVED

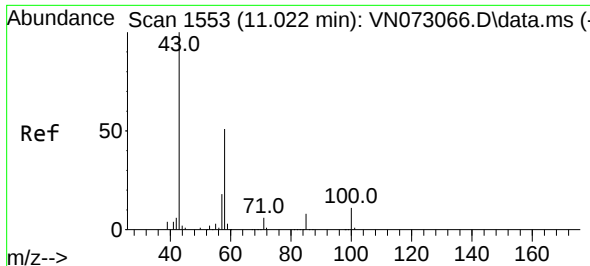
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 727.690 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

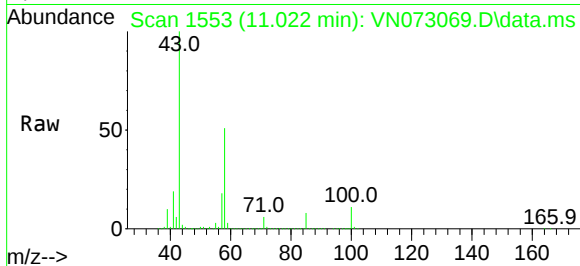
Tgt Ion: 43 Resp: 5088366
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0
85 16.4 15.0 22.6





#59
2-Hexanone
Concen: 747.016 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

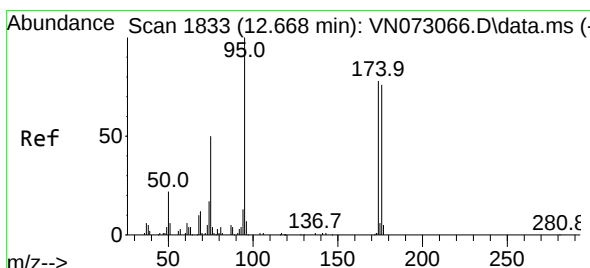
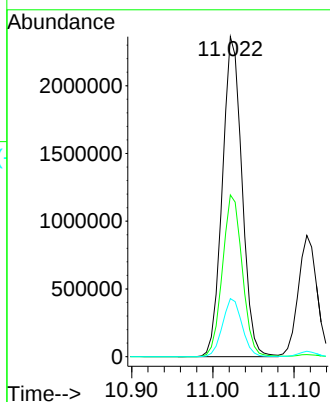
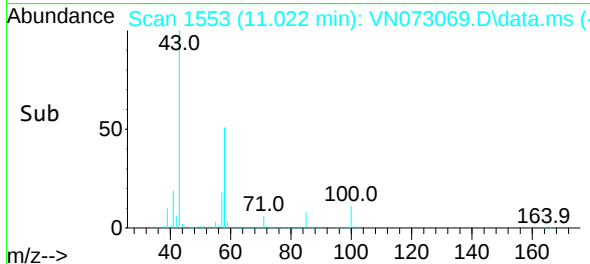
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



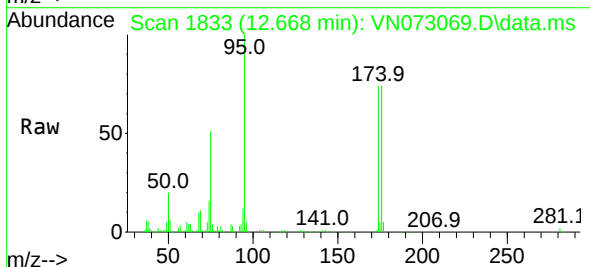
Tgt Ion: 43 Resp: 3972544
Ion Ratio Lower Upper
43 100
58 51.0 42.2 63.2
57 18.1 15.0 22.4

Manual Integrations
APPROVED

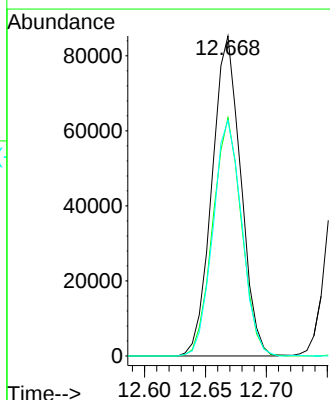
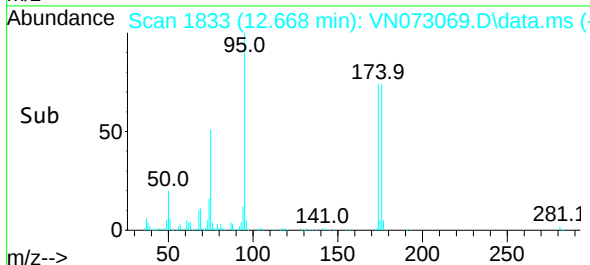
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

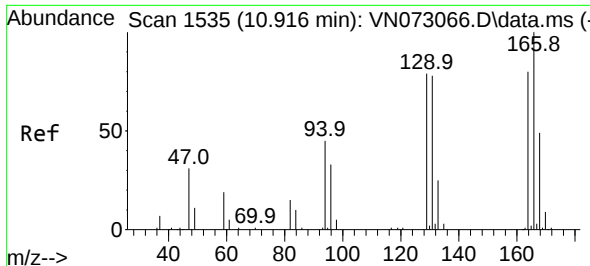


#60
4-Bromofluorobenzene
Concen: 29.547 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



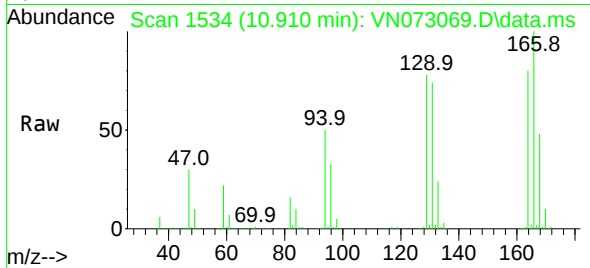
Tgt Ion: 95 Resp: 140059
Ion Ratio Lower Upper
95 100
174 74.4 62.9 94.3
176 73.6 61.0 91.4





#61
Tetrachloroethene
Concen: 157.012 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

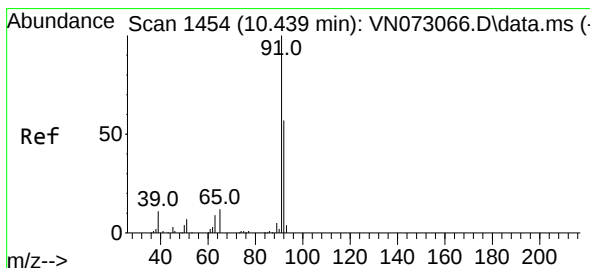
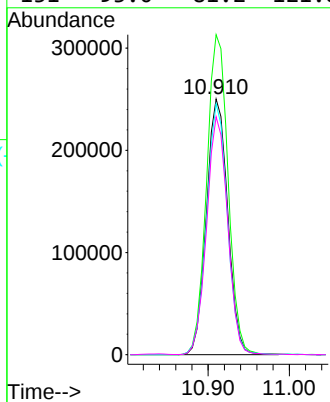
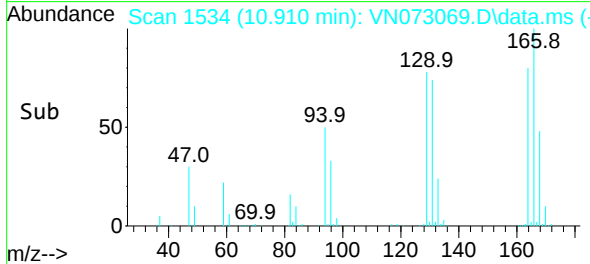
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 456439
Ion Ratio Lower Upper
164 100
166 125.1 105.8 158.8
129 98.1 82.5 123.7
131 93.0 81.2 121.8

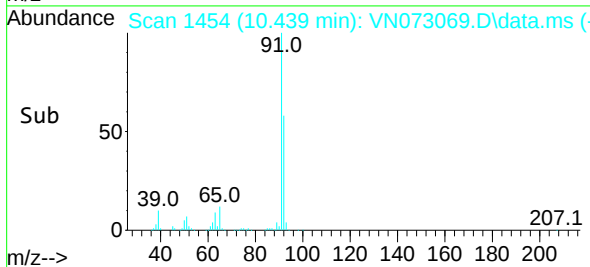
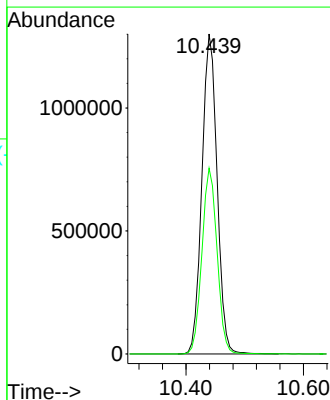
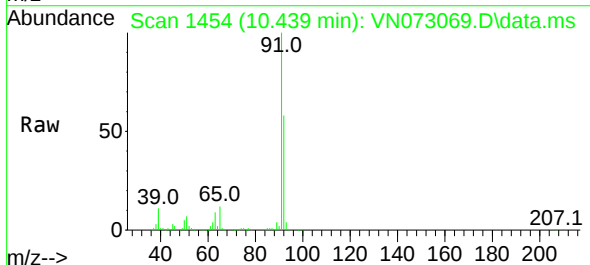
Manual Integrations
APPROVED

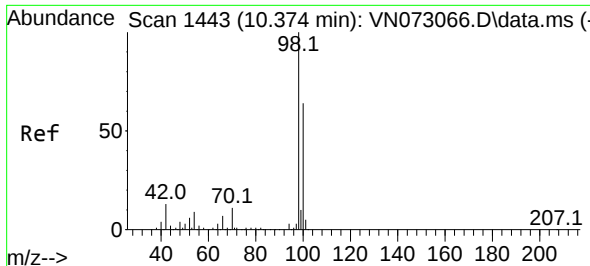
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
Toluene
Concen: 146.815 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

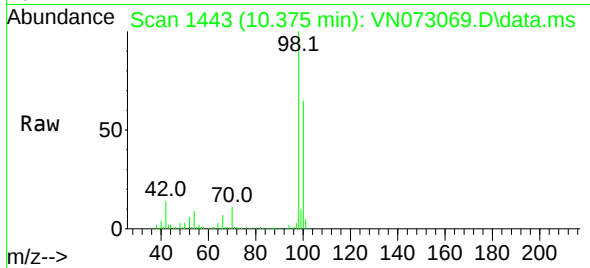
Tgt Ion: 91 Resp: 2327639
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 28.961 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

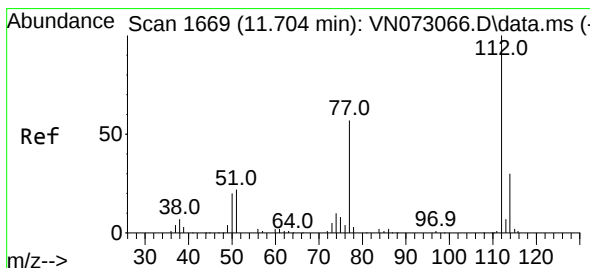
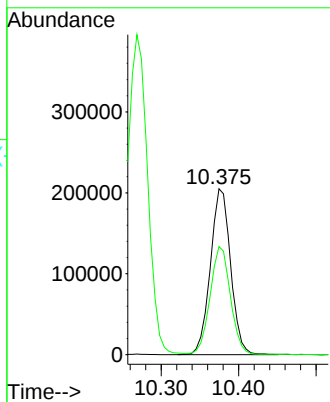
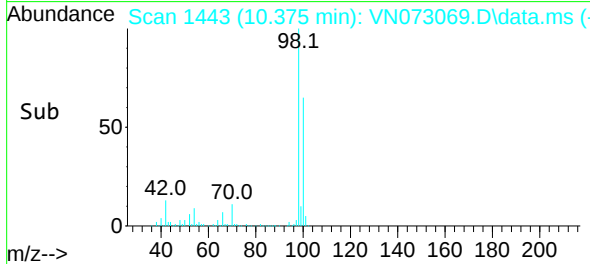
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 372099
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

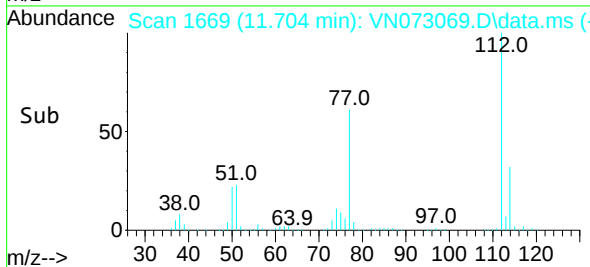
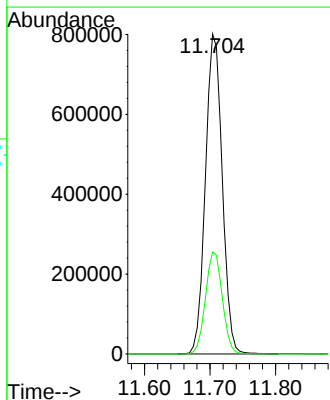
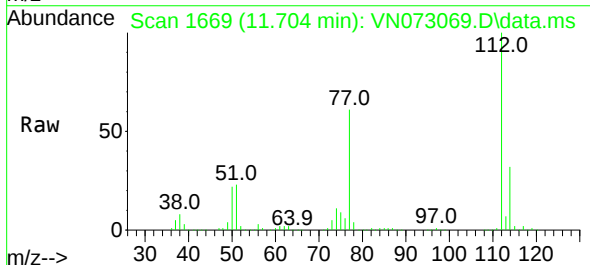
Manual Integrations
APPROVED

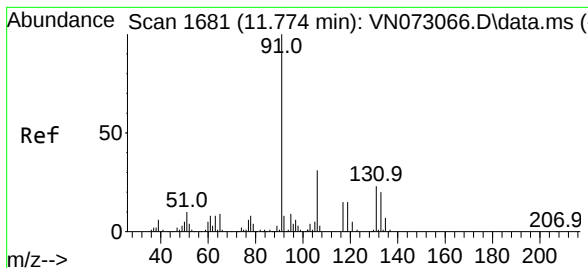
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
Chlorobenzene
Concen: 148.585 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

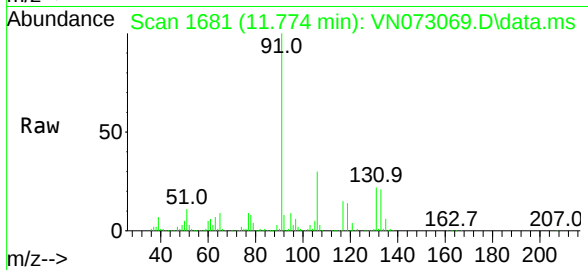
Tgt Ion:112 Resp: 1428530
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 143.124 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

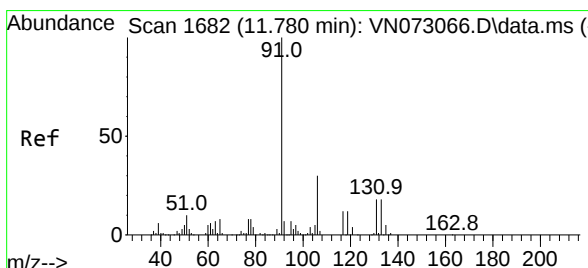
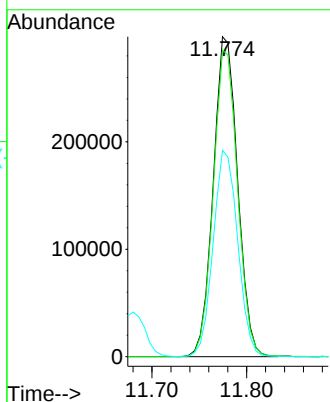
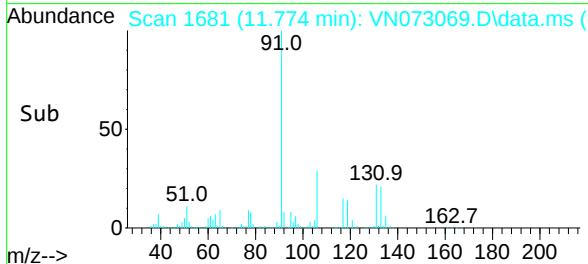
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 53358
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 64.9 0.0 128.8

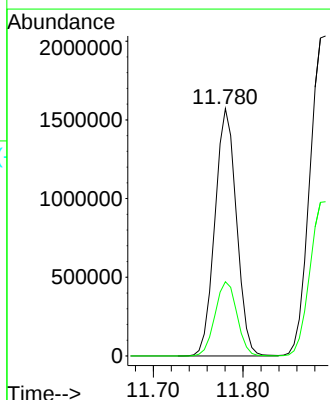
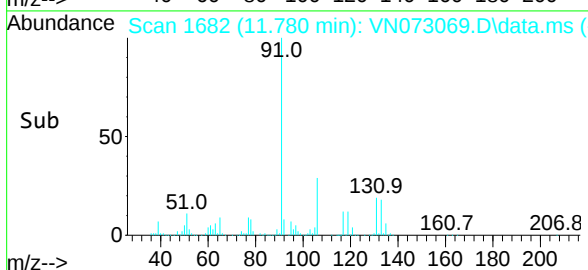
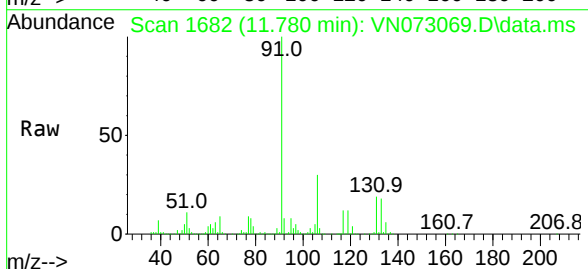
Manual Integrations
APPROVED

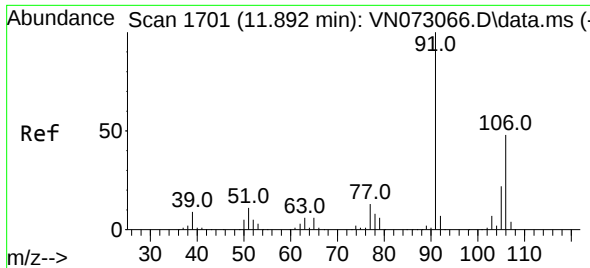
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 145.924 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Tgt Ion: 91 Resp: 2622863
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





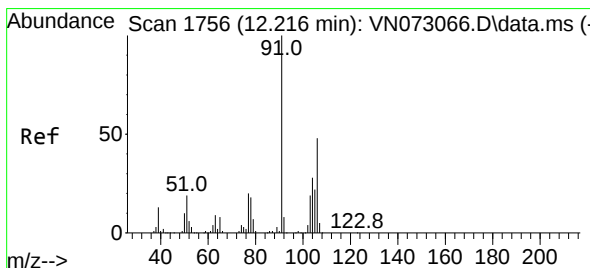
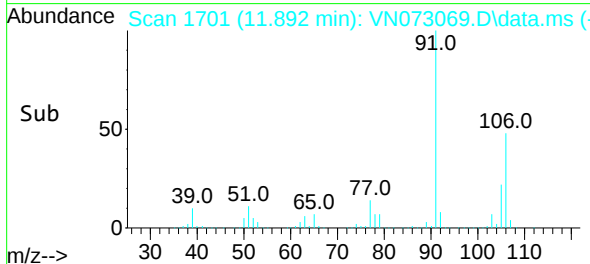
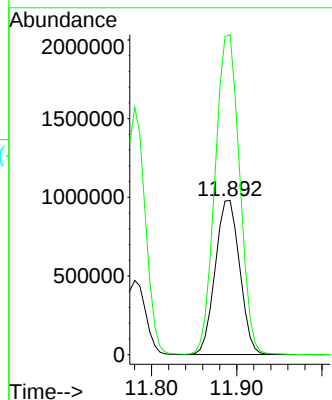
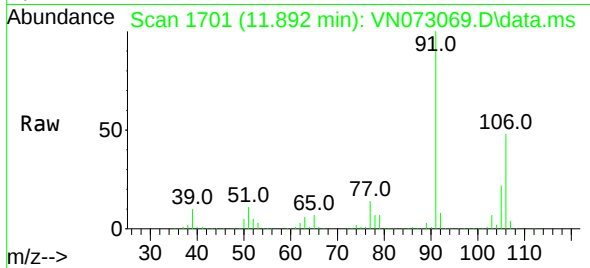
#67
m/p-Xylenes
Concen: 295.214 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 195372
Ion Ratio Lower Upper
106 100
91 208.4 162.9 244.3

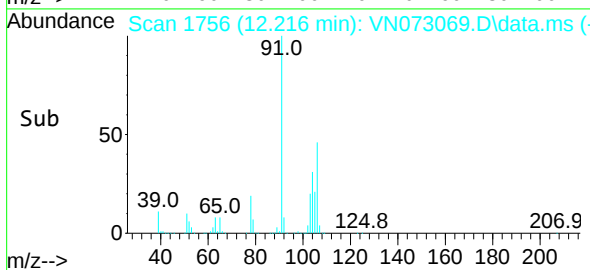
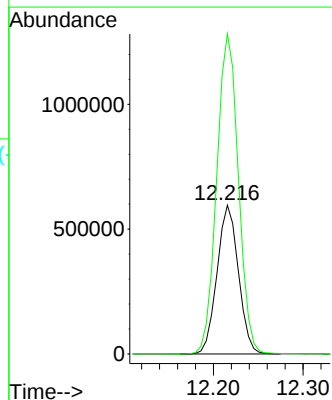
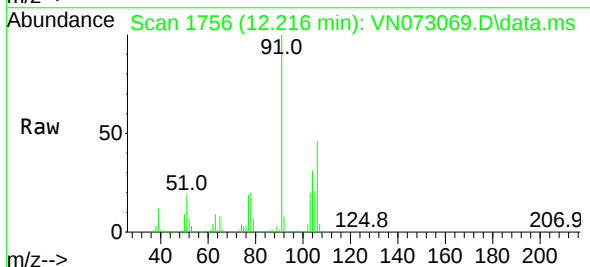
Manual Integrations
APPROVED

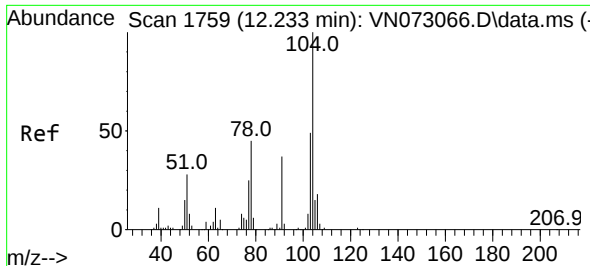
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 146.530 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

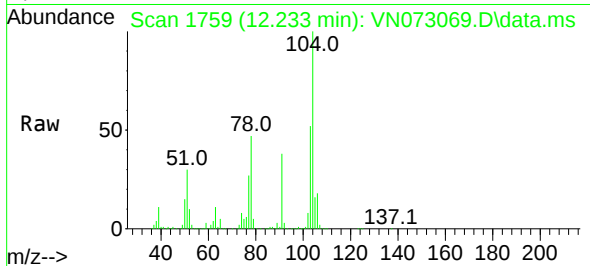
Tgt Ion:106 Resp: 985191
Ion Ratio Lower Upper
106 100
91 218.0 107.7 323.1





#69
Styrene
Concen: 152.661 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

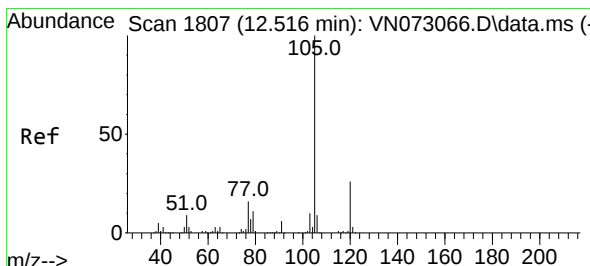
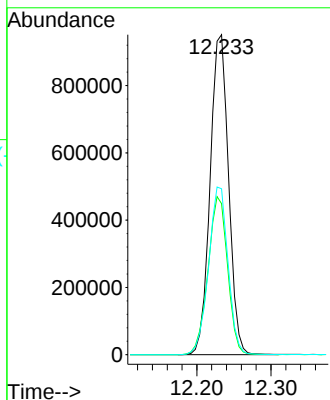
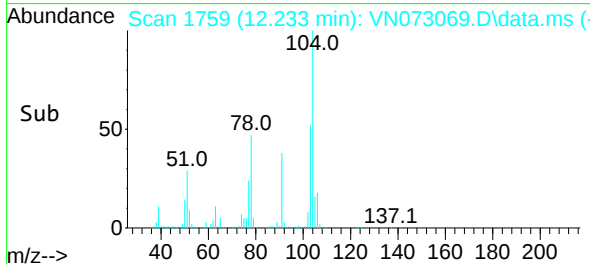
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



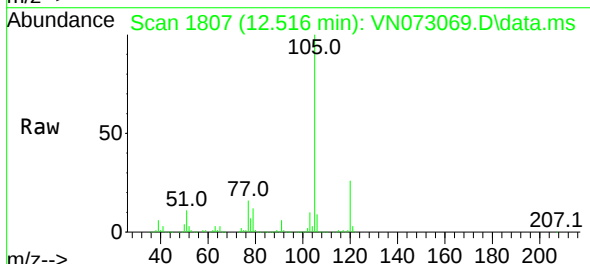
Tgt Ion:104 Resp: 164406
Ion Ratio Lower Upper
104 100
78 52.4 40.7 61.1
103 55.2 45.8 68.8

Manual Integrations
APPROVED

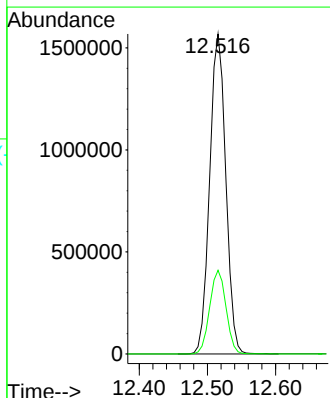
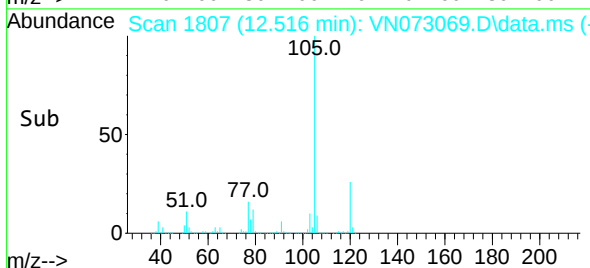
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

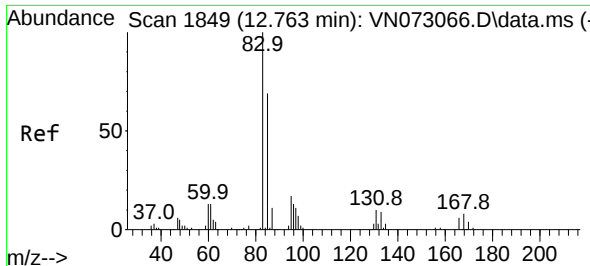


#70
Isopropylbenzene
Concen: 147.228 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



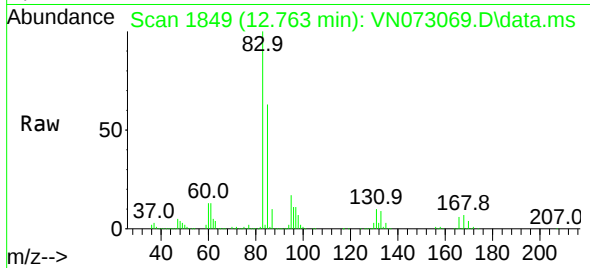
Tgt Ion:105 Resp: 2580178
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 145.884 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

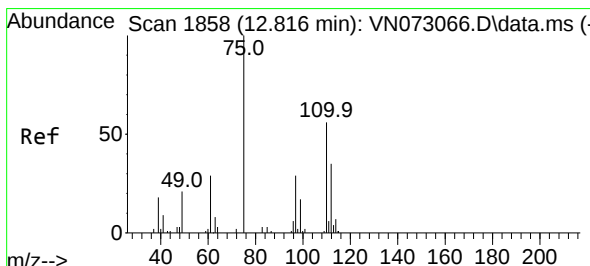
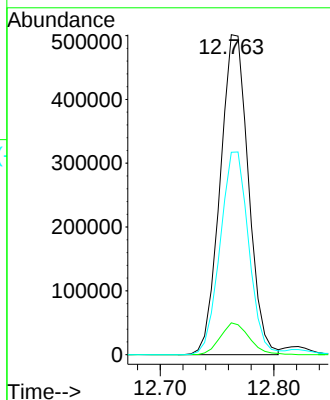
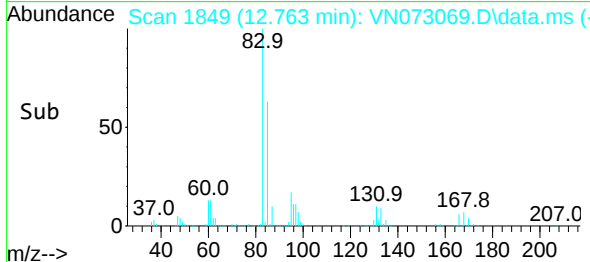
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



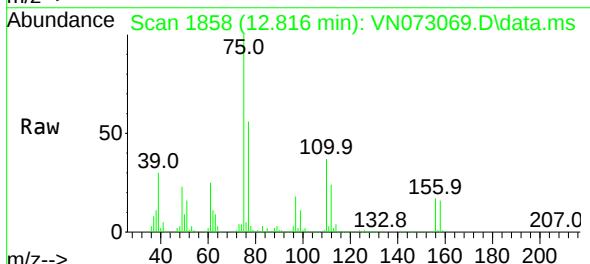
Tgt Ion: 83 Resp: 865783
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.0 33.1 99.2

Manual Integrations
APPROVED

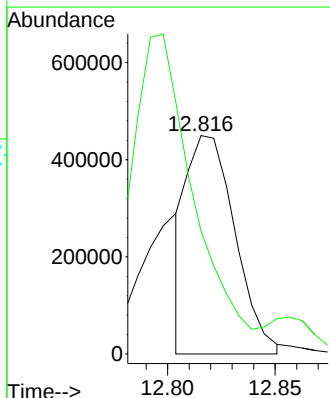
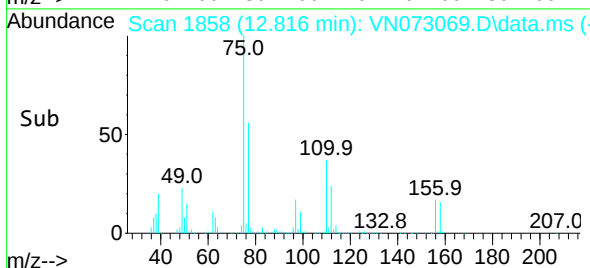
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

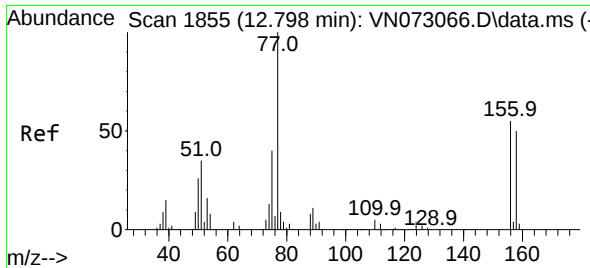


#72
1,2,3-Trichloropropane
Concen: 141.209 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



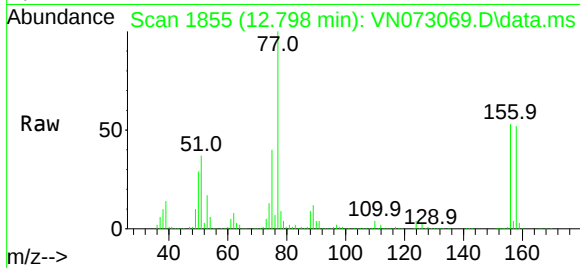
Tgt Ion: 75 Resp: 702803
Ion Ratio Lower Upper
75 100
77 191.5 0.0 378.0





#73
Bromobenzene
Concen: 164.288 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

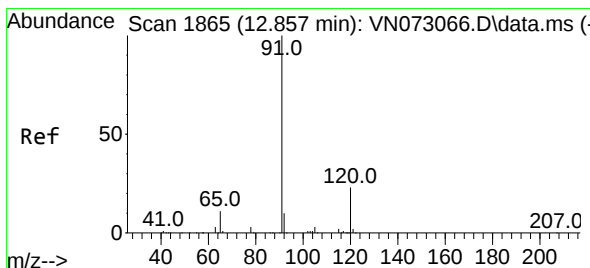
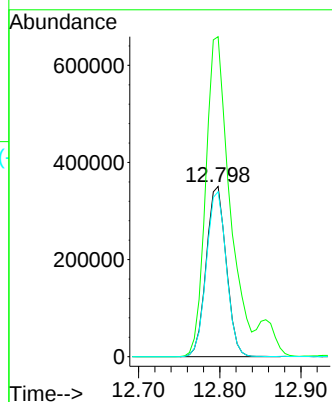
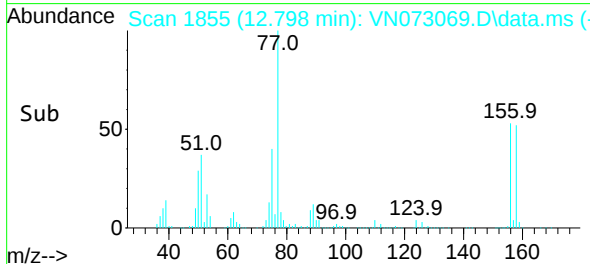
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



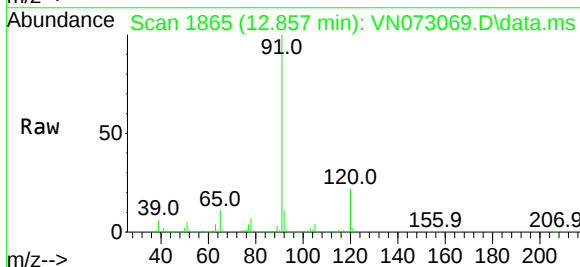
Tgt Ion:156 Resp: 600020
Ion Ratio Lower Upper
156 100
77 224.3 0.0 416.0
158 97.1 0.0 195.4

Manual Integrations
APPROVED

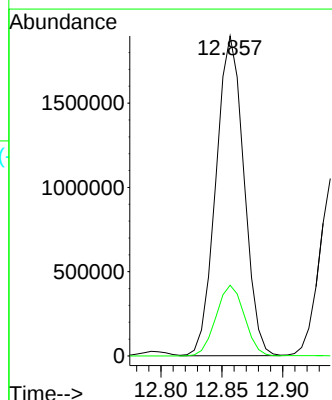
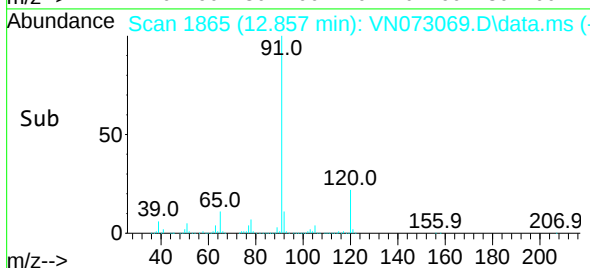
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

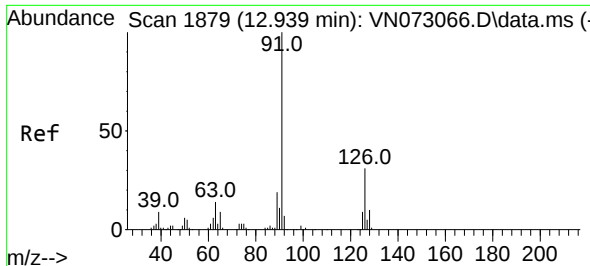


#74
n-propylbenzene
Concen: 151.565 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion: 91 Resp: 3037140
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





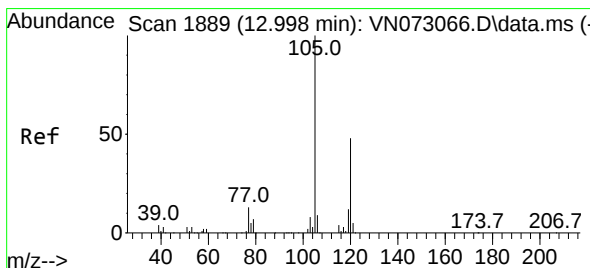
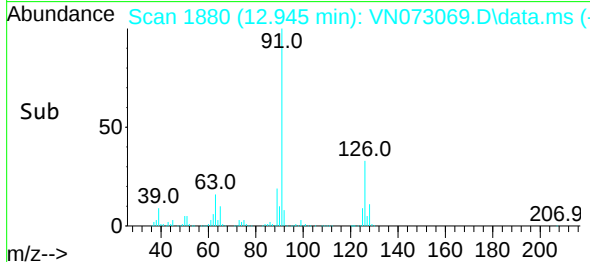
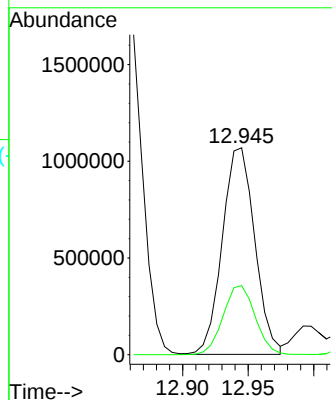
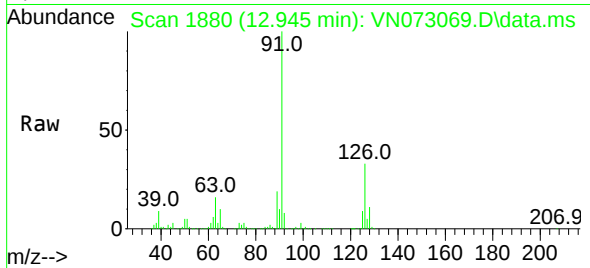
#75
2-Chlorotoluene
Concen: 147.789 ug/l
RT: 12.945 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1843398
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

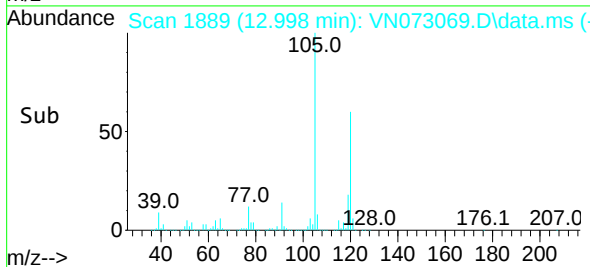
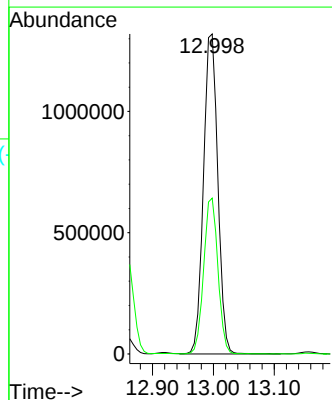
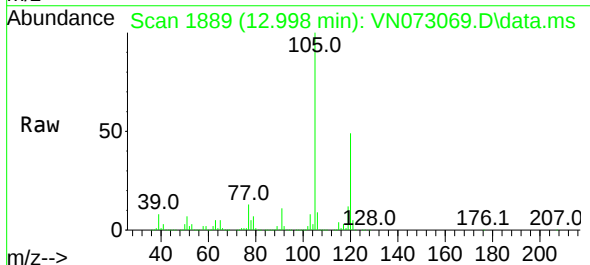
Manual Integrations
APPROVED

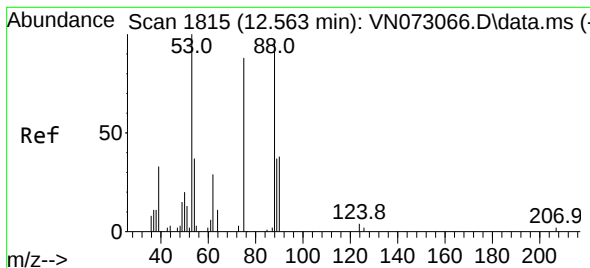
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 150.023 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

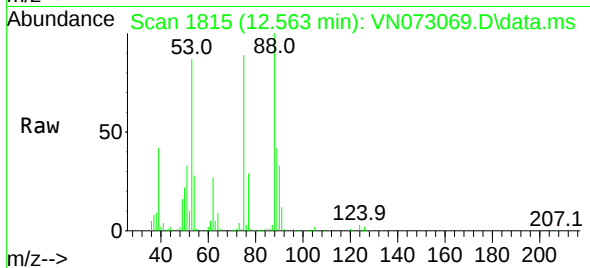
Tgt Ion:105 Resp: 2163526
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 114.383 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

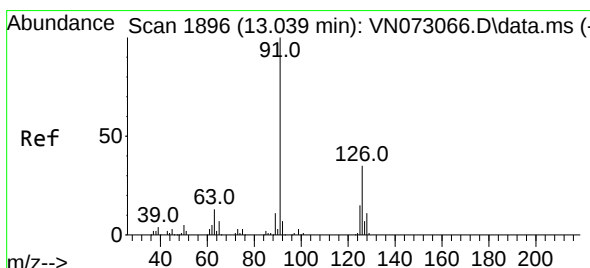
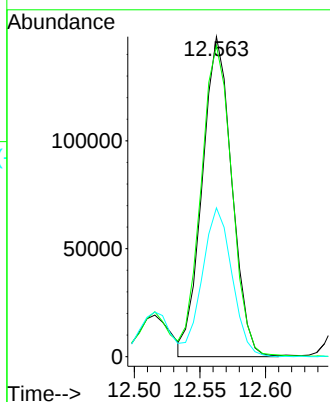
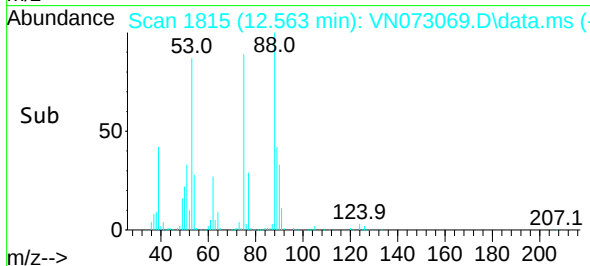
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 23336
Ion Ratio Lower Upper
75 100
53 96.9 51.8 155.5
89 46.7 22.9 68.7

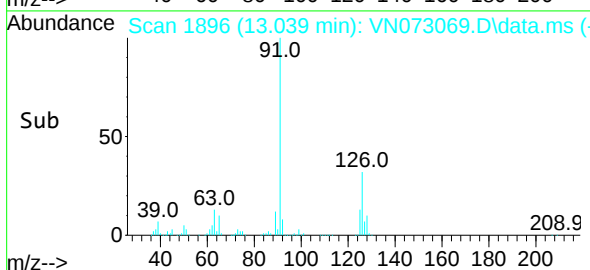
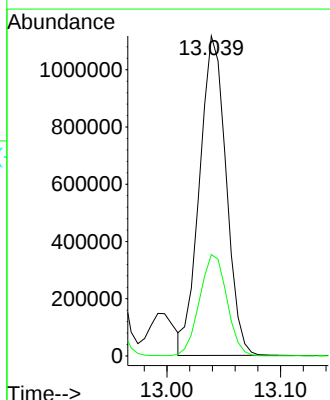
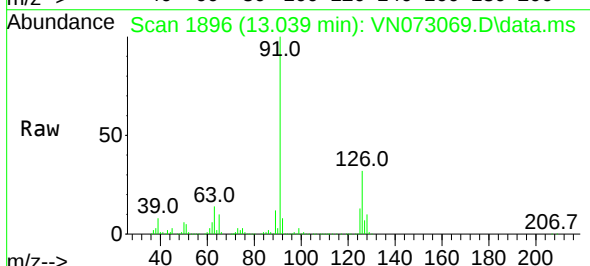
Manual Integrations
APPROVED

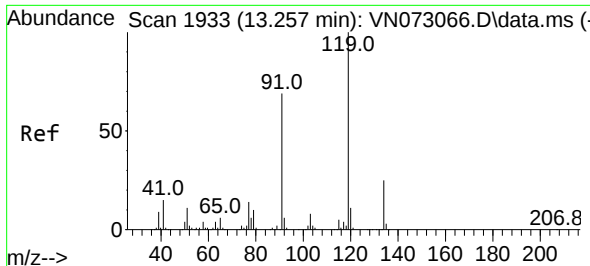
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 153.826 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

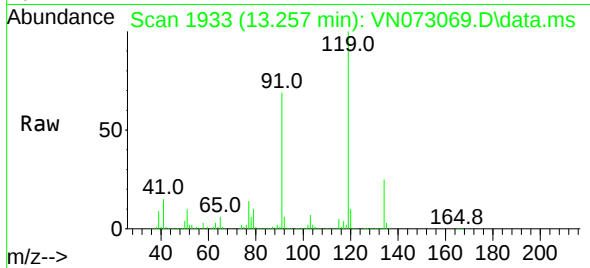
Tgt Ion: 91 Resp: 1814679
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





#79
tert-butylbenzene
Concen: 150.580 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

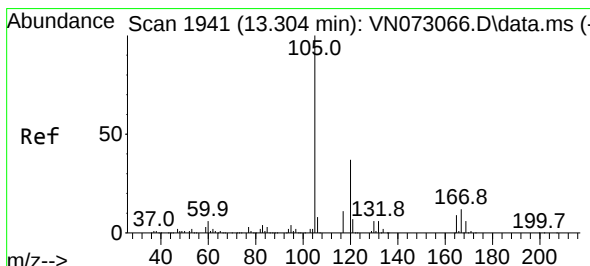
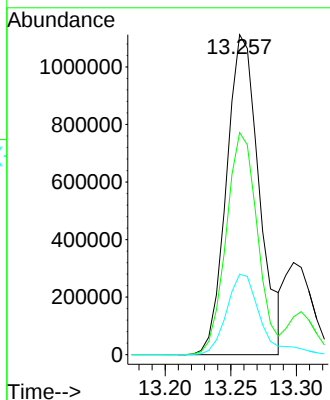
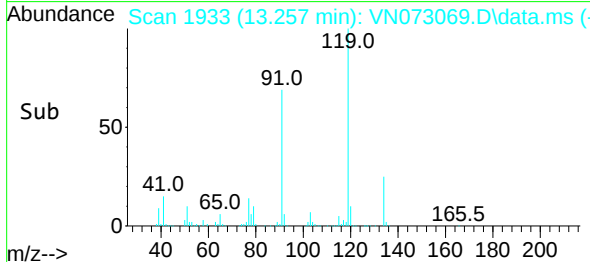
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



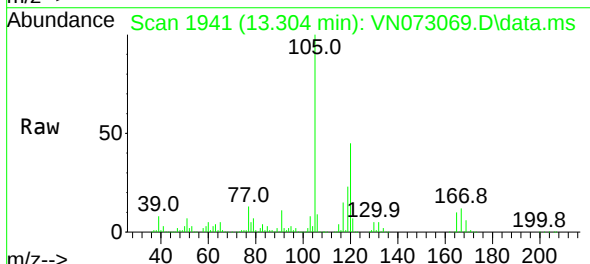
Tgt Ion:119 Resp: 193245
Ion Ratio Lower Upper
119 100
91 66.4 0.0 137.0
134 24.8 0.0 47.6

Manual Integrations
APPROVED

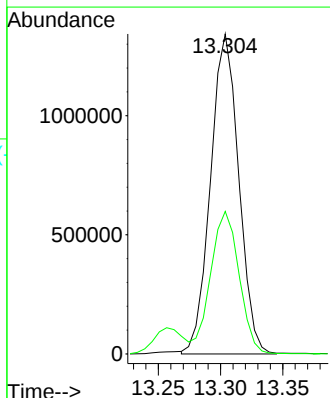
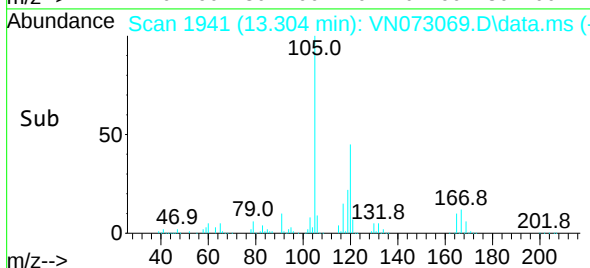
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

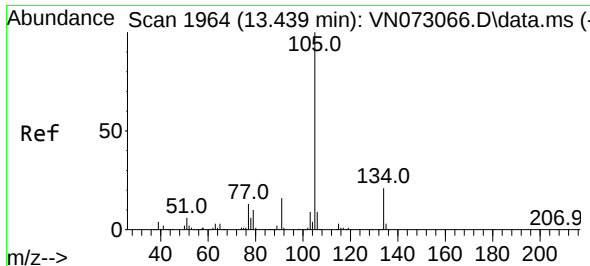


#80
1,2,4-Trimethylbenzene
Concen: 125.546 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion:105 Resp: 2118398
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





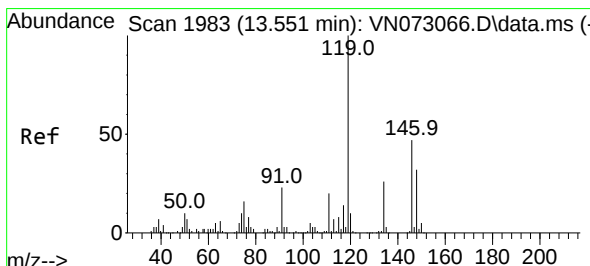
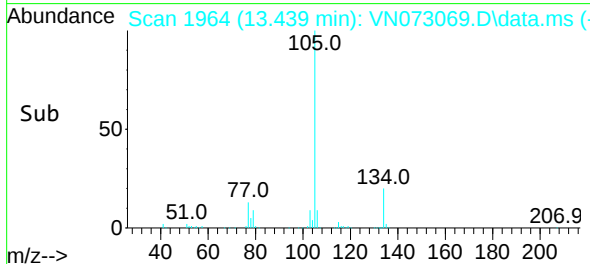
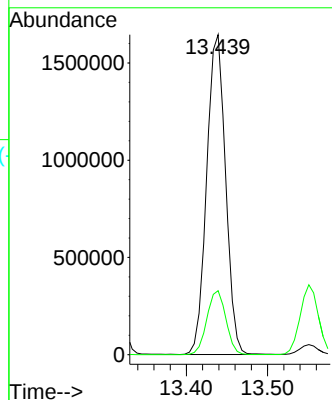
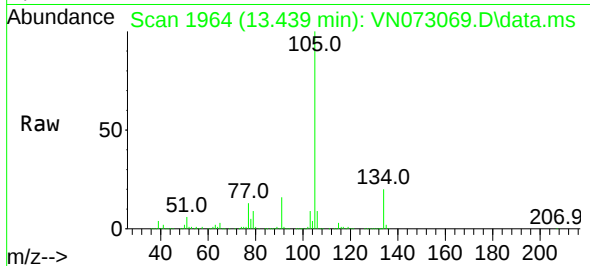
#81
 sec-Butylbenzene
 Concen: 152.756 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2657930
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

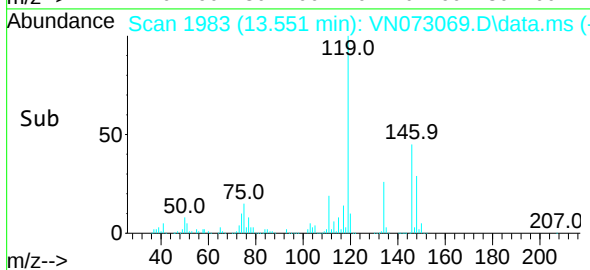
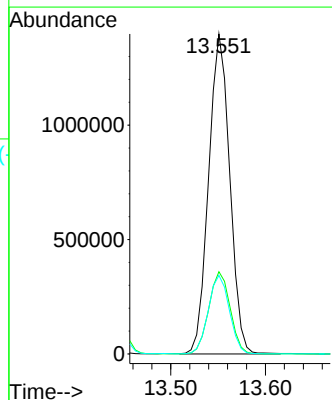
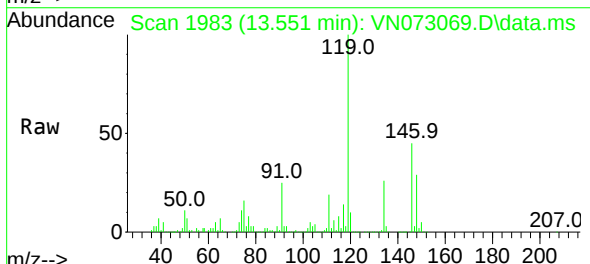
Manual Integrations
 APPROVED

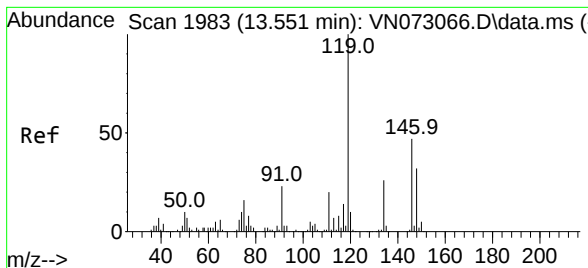
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 154.727 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073069.D
 Acq: 24 Jun 2022 01:34

Tgt Ion:119 Resp: 2165247
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 24.4 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 165.801 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 1072509

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.2

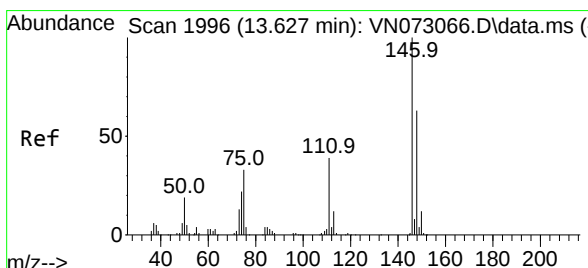
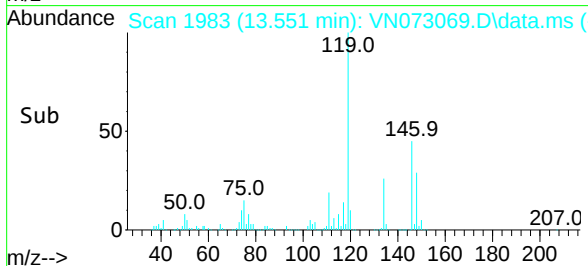
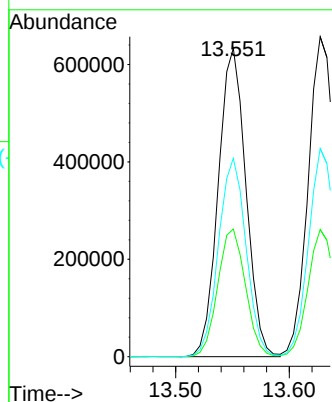
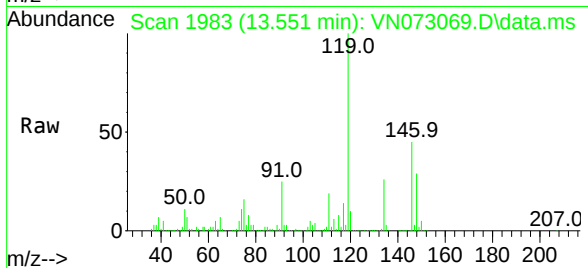
148 64.1 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#84

1,4-Dichlorobenzene

Concen: 176.198 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

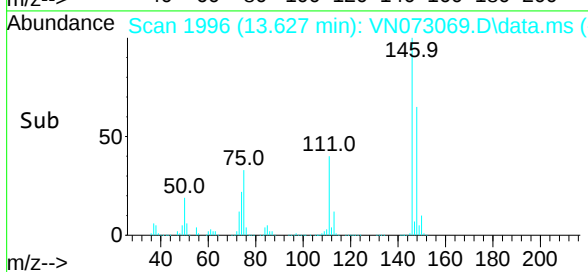
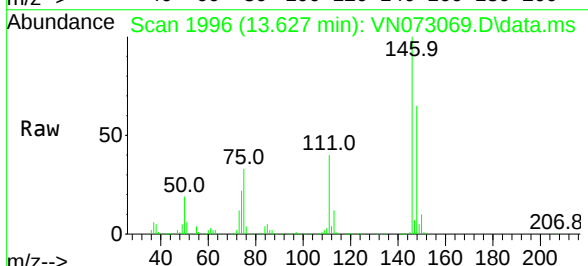
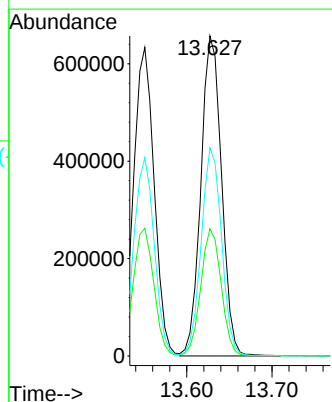
Tgt Ion:146 Resp: 1109733

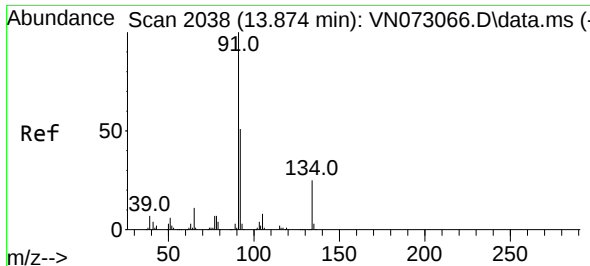
Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

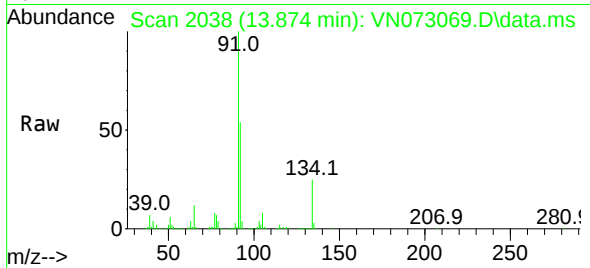
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 163.428 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

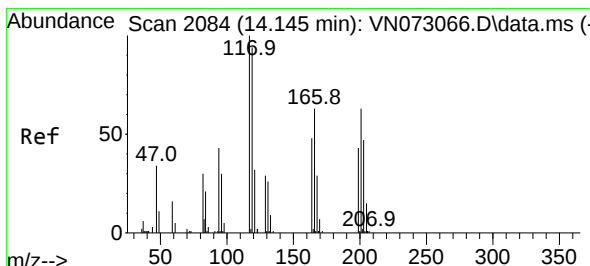
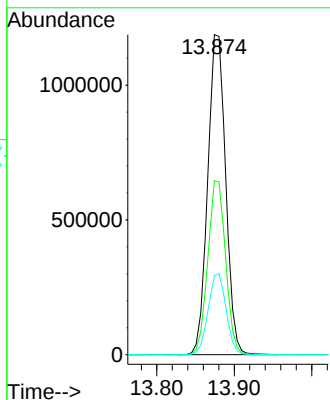
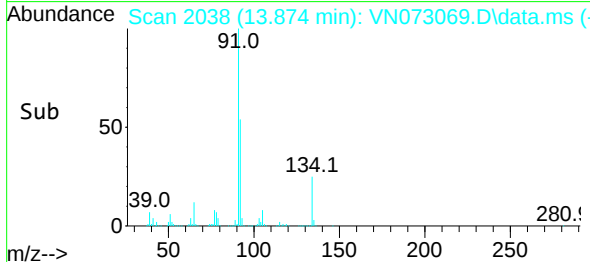
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 190964
Ion Ratio Lower Upper
91 100
92 54.0 0.0 100.6
134 25.4 0.0 50.2

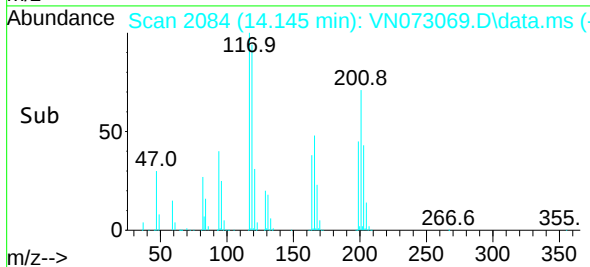
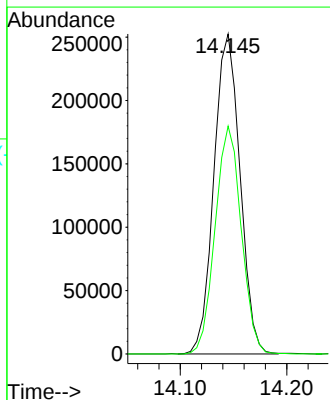
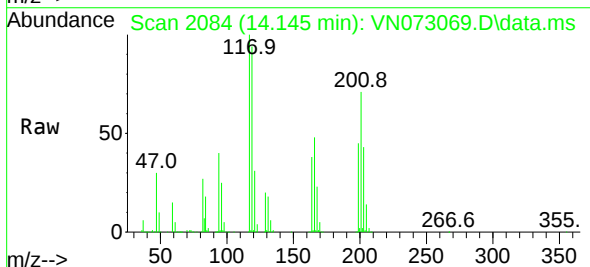
Manual Integrations
APPROVED

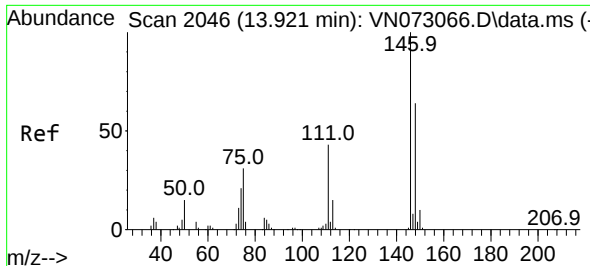
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 144.240 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

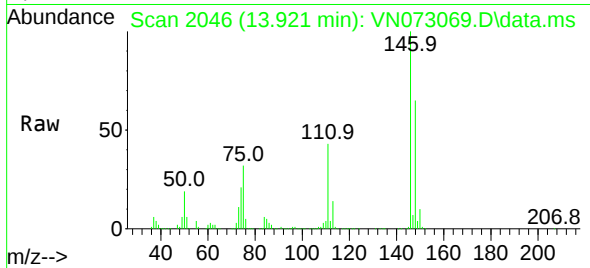
Tgt Ion:117 Resp: 429962
Ion Ratio Lower Upper
117 100
201 71.2 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 173.081 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

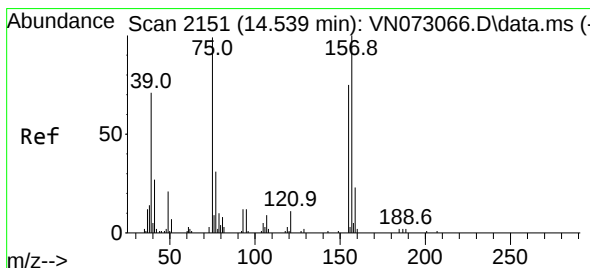
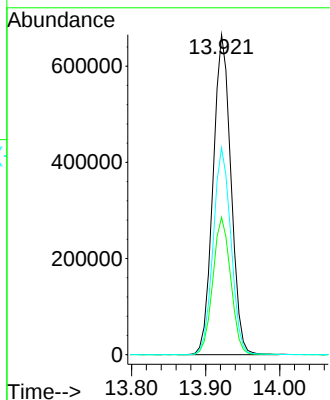
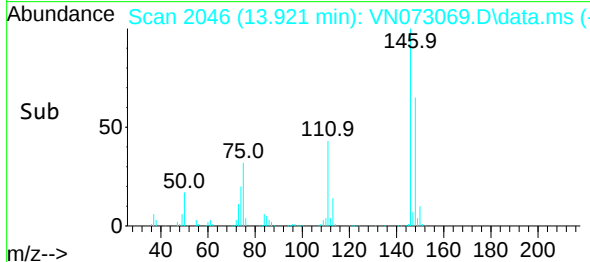
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 1116978
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 64.1 32.5 97.4

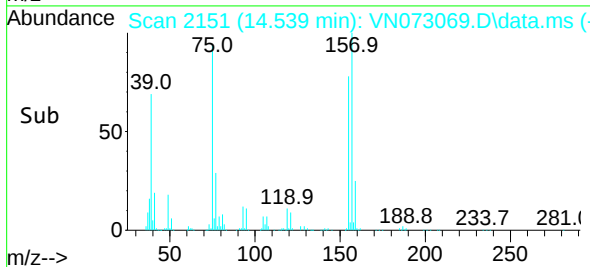
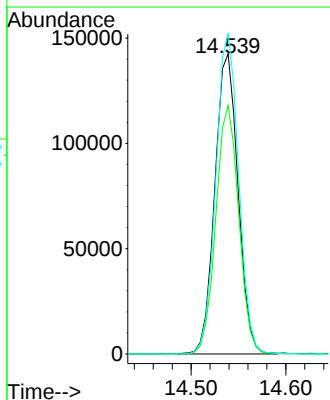
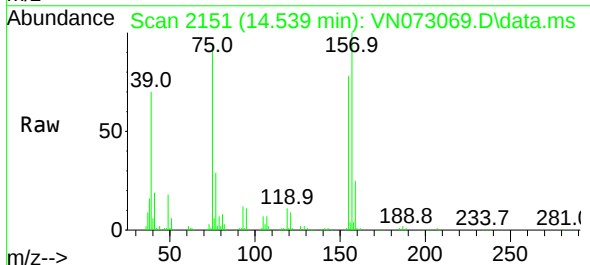
Manual Integrations
APPROVED

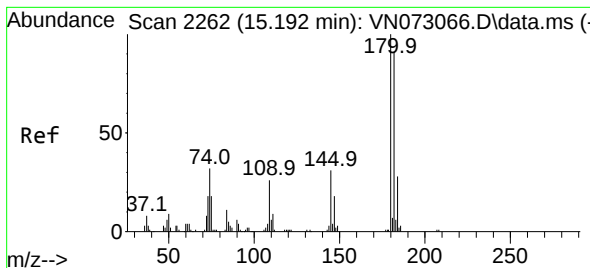
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 162.251 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

Tgt Ion: 75 Resp: 242322
Ion Ratio Lower Upper
75 100
155 81.8 63.8 95.8
157 105.1 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 200.153 ug/l

RT: 15.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 65251

Ion Ratio Lower Upper

180 100

182 95.7 77.7 116.5

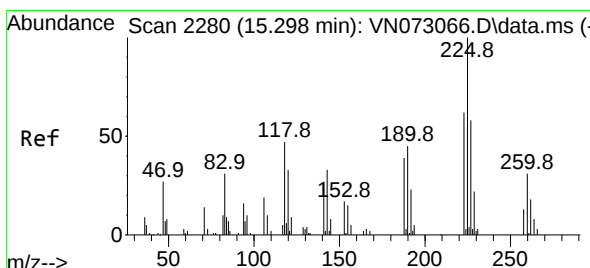
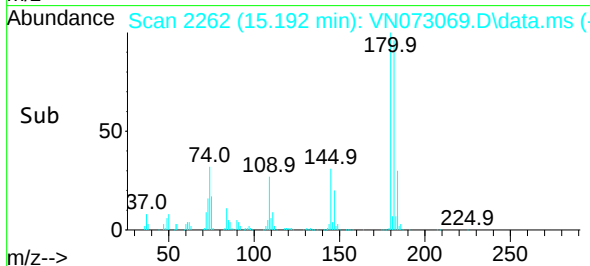
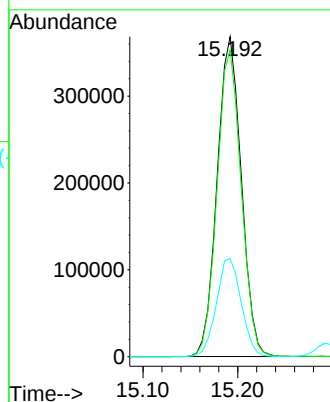
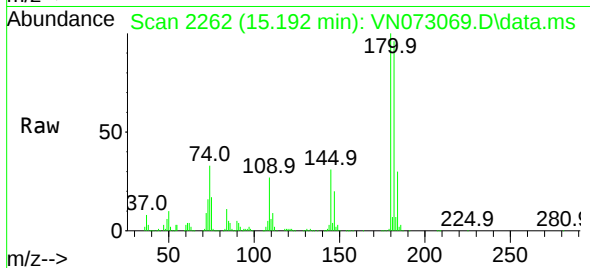
145 31.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 181.925 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN073069.D

Acq: 24 Jun 2022 01:34

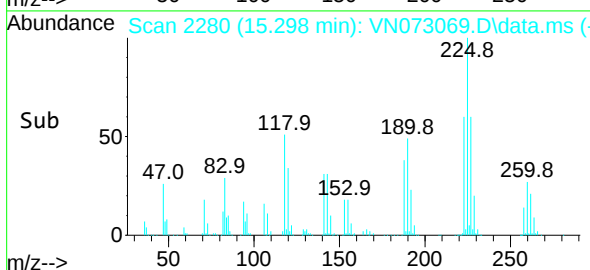
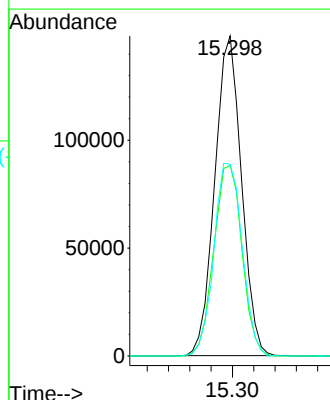
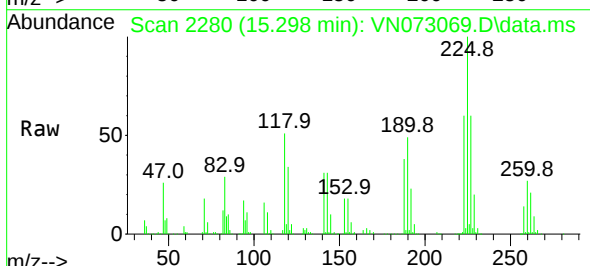
Tgt Ion:225 Resp: 257668

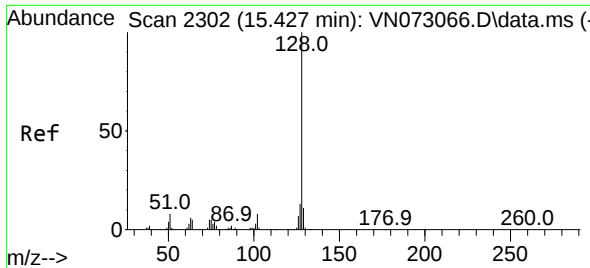
Ion Ratio Lower Upper

225 100

223 62.9 0.0 126.8

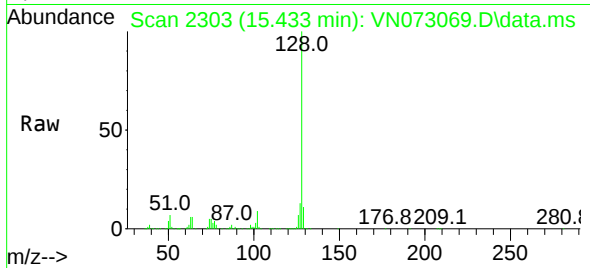
227 63.8 0.0 123.0





#91
Naphthalene
Concen: 190.363 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34

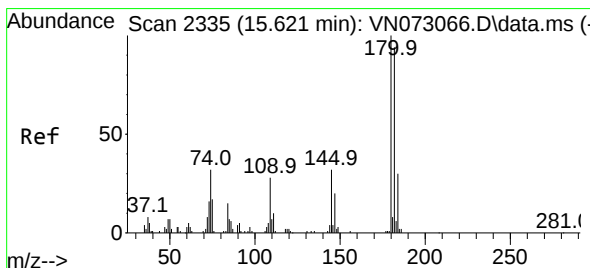
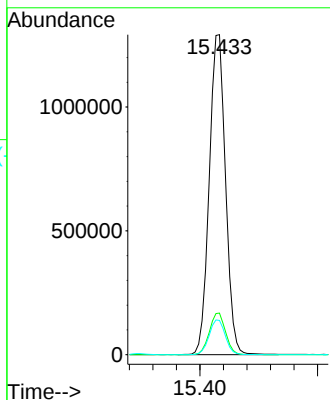
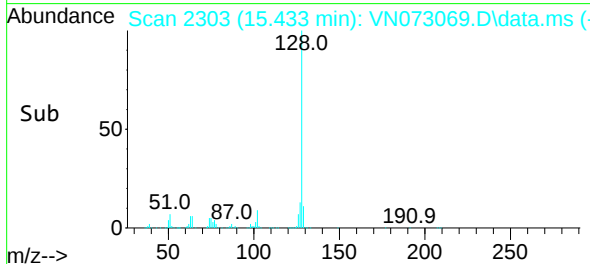
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



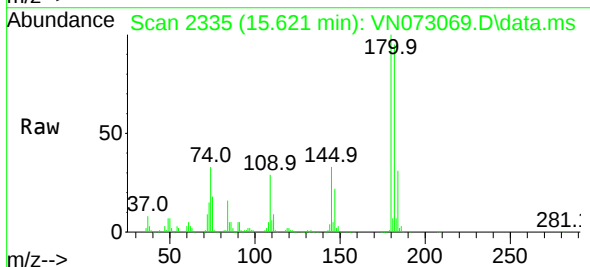
Tgt Ion:128 Resp: 2485010
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 195.939 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073069.D
Acq: 24 Jun 2022 01:34



Tgt Ion:180 Resp: 653552
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 33.7 0.0 67.8

