

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073071.D
 Acq On : 24 Jun 2022 02:23
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062322

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 05:01:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.592	128	41078	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	233307	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	208209	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	121477	30.677	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.267%			
60) 4-Bromofluorobenzene	12.668	95	119333	29.957	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.867%			
63) Toluene-d8	10.374	98	348738	30.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.051	85	70055	21.617	ug/l	100
3) Chloromethane	2.269	50	65982	21.428	ug/l	90
4) Vinyl Chloride	2.410	62	59260	21.501	ug/l	100
5) Bromomethane	2.816	94	25878	28.515	ug/l	95
6) Chloroethane	2.981	64	36060	21.205	ug/l	98
7) Trichlorofluoromethane	3.322	101	104056	20.799	ug/l	100
8) Diethyl Ether	3.763	74	43262	21.129	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.145	101	59345	21.471	ug/l #	66
10) 1,1-Dichloroethene	4.116	96	58001	20.505	ug/l	97
11) Methyl Iodide	4.351	142	45394	16.823	ug/l	94
12) Methyl Acetate	4.781	43	114396	19.420	ug/l #	89
13) Acrolein	3.987	56	67865	114.301	ug/l	99
14) Acrylonitrile	5.481	53	226199	100.793	ug/l	99
15) Acetone	4.222	58	61456	99.278	ug/l	95
16) Carbon Disulfide	4.463	76	152276	20.415	ug/l	100
17) Allyl chloride	4.769	41	113545	21.148	ug/l	84
18) Methylene Chloride	5.022	84	68853	20.410	ug/l	95
19) trans-1,2-Dichloroethene	5.516	96	62621	20.979	ug/l	86
20) Diisopropyl ether	6.416	45	232752	20.604	ug/l	90
21) 1,1-Dichloroethane	6.304	63	120096	20.262	ug/l	98
22) cis-1,2-Dichloroethene	7.251	96	72857	20.526	ug/l	99
23) tert-Butyl Alcohol	5.292	59	91136	99.455	ug/l #	100
24) Methyl tert-Butyl Ether	5.539	73	216222	20.492	ug/l	100
25) Chloroform	7.745	83	121349	20.573	ug/l	99
26) Cyclohexane	8.028	56	109804	21.160	ug/l #	93
29) 1,1-Dichloropropene	8.151	75	87341	20.706	ug/l	99
30) 2-Butanone	7.263	43	330177	101.637	ug/l	94
31) 2,2-Dichloropropane	7.245	77	70831	34.305	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	108991	21.029	ug/l	99
33) Carbon Tetrachloride	8.133	117	91262	20.825	ug/l	94
34) Benzene	8.392	78	274896	20.937	ug/l	98
35) Methacrylonitrile	7.563	41	61644	21.330	ug/l	91
36) 1,2-Dichloroethane	8.463	62	98965	20.338	ug/l	97
37) Trichloroethene	9.145	130	66254	20.277	ug/l	91
38) Methylcyclohexane	9.392	83	104185	20.854	ug/l	91
39) 1,2-Dichloropropane	9.422	63	70845	20.868	ug/l	94
40) Dibromomethane	9.510	93	46810	20.376	ug/l	93
41) Bromodichloromethane	9.698	83	94018	20.341	ug/l	90
42) Vinyl Acetate	6.357	43	1057213	105.254	ug/l	99

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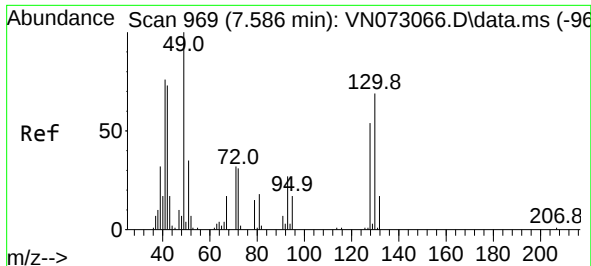
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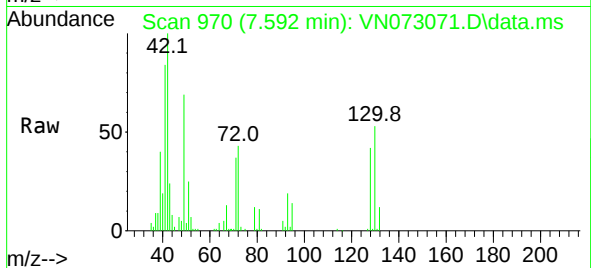
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.339	43	132830	21.711	ug/l	97
44) Isopropyl Acetate	8.492	43	193824	20.516	ug/l	98
45) 1,4-Dioxane	9.504	88	35690	424.027	ug/l	94
46) Methyl methacrylate	9.498	41	85642	19.922	ug/l	86
47) n-amyl Acetate	12.327	43	152622	20.158	ug/l	100
48) t-1,3-Dichloropropene	10.657	75	95545	22.102	ug/l	96
49) cis-1,3-Dichloropropene	10.127	75	104342	22.289	ug/l	99
50) 1,1,2-Trichloroethane	10.833	97	68702	20.643	ug/l	95
51) Ethyl methacrylate	10.698	69	114065	20.238	ug/l	93
52) 1,3-Dichloropropane	10.980	76	118217	20.651	ug/l	100
53) Dibromochloromethane	11.174	129	68568	19.816	ug/l	98
54) 1,2-Dibromoethane	11.280	107	71819	20.545	ug/l	96
55) 2-Chloroethyl vinyl ether	9.980	63	247955	102.993	ug/l	99
56) Bromoform	12.392	173	48853	19.274	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	638818	105.487	ug/l	97
59) 2-Hexanone	11.021	43	486443	105.163	ug/l	98
61) Tetrachloroethene	10.910	164	56451	20.970	ug/l	92
62) Toluene	10.439	91	291716	21.077	ug/l	97
64) Chlorobenzene	11.710	112	171823	20.632	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.774	131	64742	20.465	ug/l	98
66) Ethyl Benzene	11.780	91	316773	20.774	ug/l	99
67) m/p-Xylenes	11.886	106	242092	42.353	ug/l	99
68) o-Xylene	12.216	106	119304	20.668	ug/l	99
69) Styrene	12.233	104	191034	20.675	ug/l	98
70) Isopropylbenzene	12.515	105	311893	21.114	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.763	83	105096	20.607	ug/l	97
72) 1,2,3-Trichloropropane	12.815	75	84990m	21.733	ug/l	
73) Bromobenzene	12.798	156	72005	20.902	ug/l	92
74) n-propylbenzene	12.857	91	342658	20.473	ug/l	100
75) 2-Chlorotoluene	12.945	91	217174	20.749	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	254895	20.761	ug/l	98
77) t-1,4-Dichloro-2-butene	12.563	75	28084	22.769	ug/l	93
78) 4-Chlorotoluene	13.039	91	207617	20.618	ug/l	95
79) tert-butylbenzene	13.257	119	229725	21.164	ug/l	95
80) 1,2,4-Trimethylbenzene	13.304	105	250855m	20.826	ug/l	
81) sec-Butylbenzene	13.439	105	298764	20.420	ug/l	98
82) p-Isopropyltoluene	13.551	119	244776	20.599	ug/l	99
83) 1,3-Dichlorobenzene	13.551	146	128099	21.125	ug/l	99
84) 1,4-Dichlorobenzene	13.627	146	125117	20.647	ug/l	98
85) n-Butylbenzene	13.880	91	190231	19.673	ug/l	97
86) Hexachloroethane	14.145	117	46945	20.178	ug/l	98
87) 1,2-Dichlorobenzene	13.921	146	132583	20.897	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.539	75	26321	20.256	ug/l	95
89) 1,2,4-Trichlorobenzene	15.192	180	66549	19.963	ug/l	96
90) Hexachlorobutadiene	15.298	225	28425	21.150	ug/l	97
91) Naphthalene	15.427	128	274783	21.124	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	69721	20.556	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.592 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

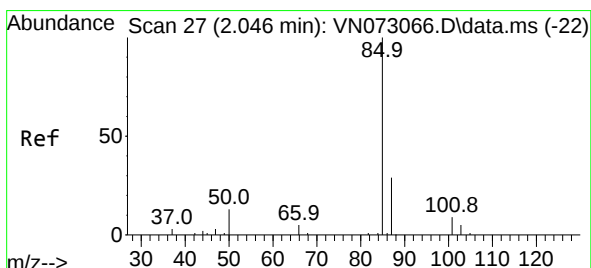
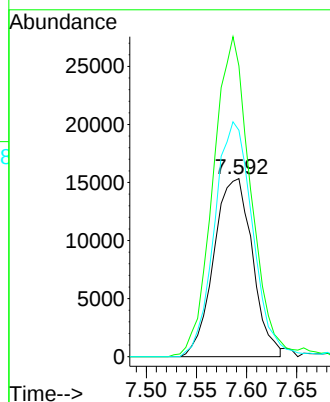
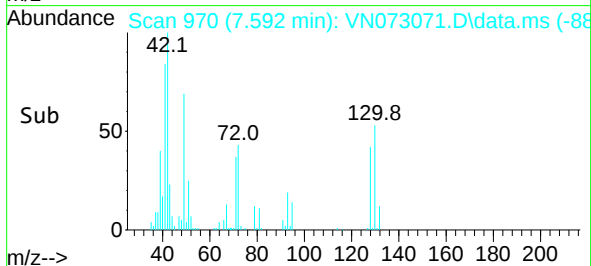
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion:128 Resp: 41078
Ion Ratio Lower Upper
128 100
49 174.5 0.0 392.3
130 130.9 0.0 320.2

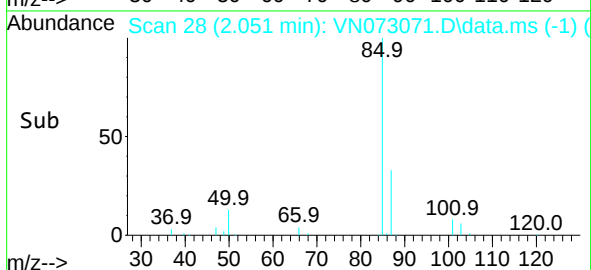
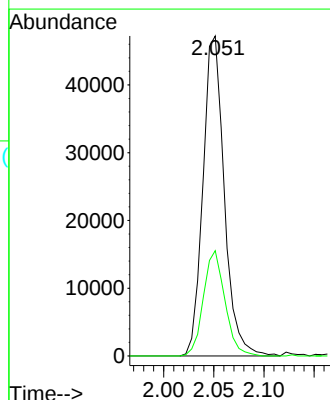
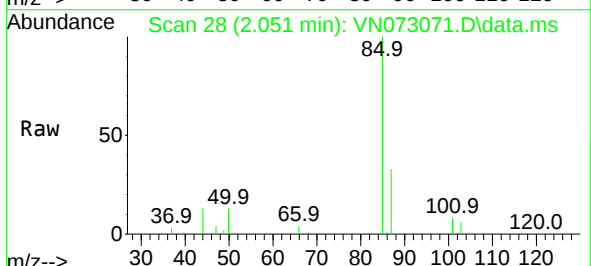
Manual Integrations
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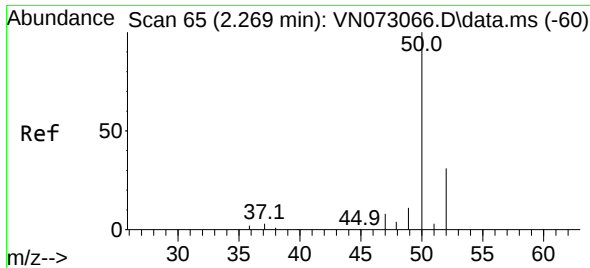
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 21.617 ug/l
RT: 2.051 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

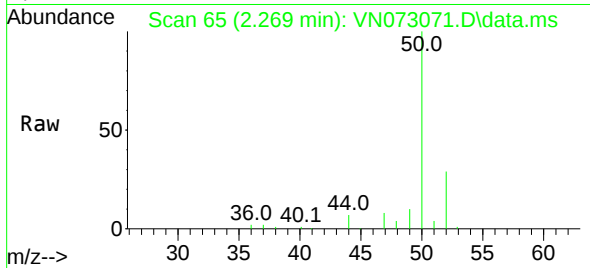
Tgt Ion: 85 Resp: 70055
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.7





#3
Chloromethane
Concen: 21.428 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

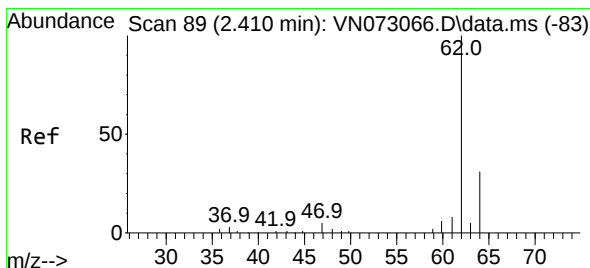
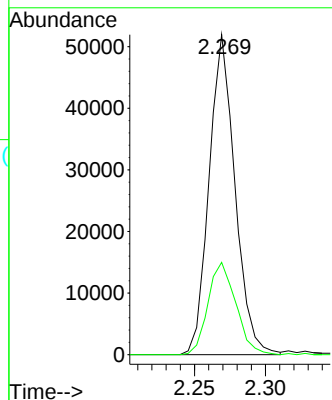
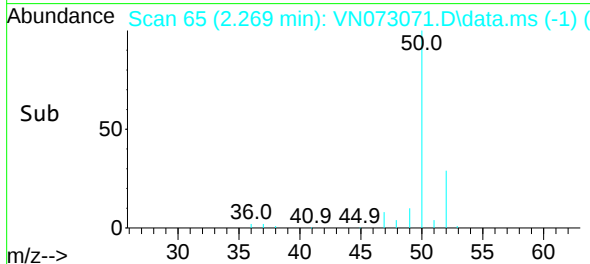
Instrument :
MSVOA_N
ClientSampleId :
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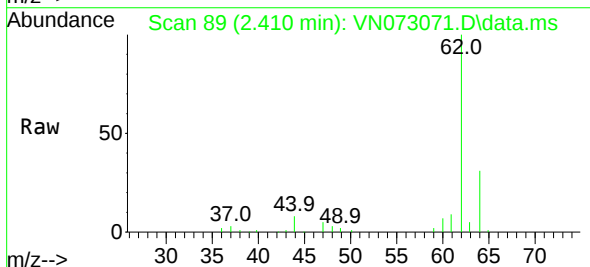
Tgt Ion: 50 Resp: 65982
Ion Ratio Lower Upper
50 100
52 28.8 27.8 41.6

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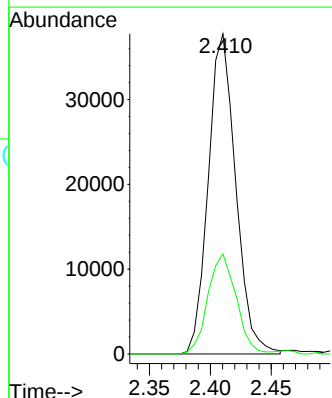
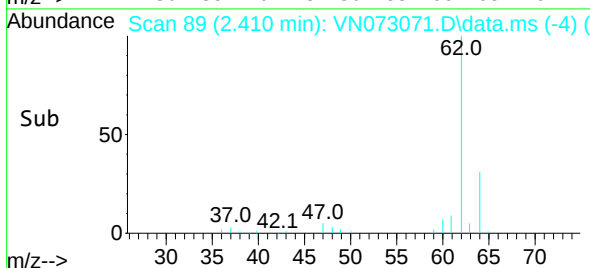
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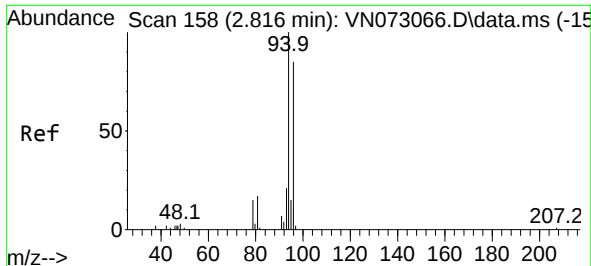


#4
Vinyl Chloride
Concen: 21.501 ug/l
RT: 2.410 min Scan# 89
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



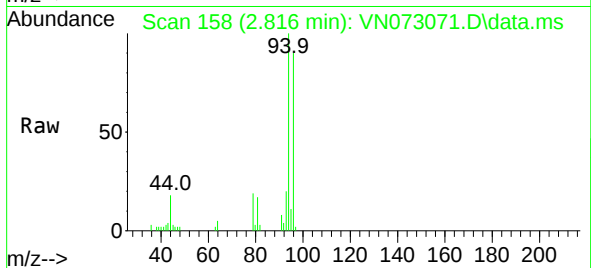
Tgt Ion: 62 Resp: 59260
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 28.515 ug/l
RT: 2.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

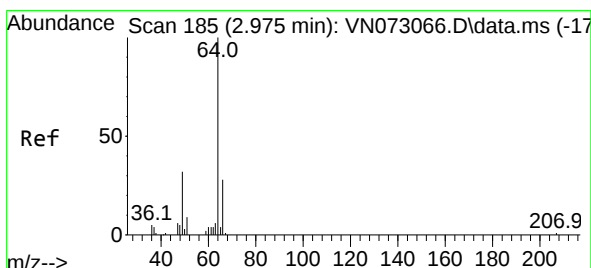
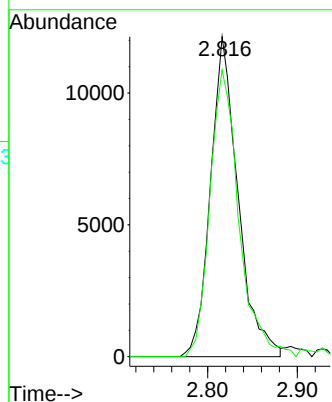
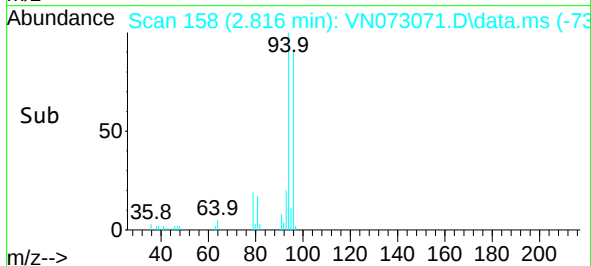
Instrument :
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ClientSampleId :
ICVVN062322



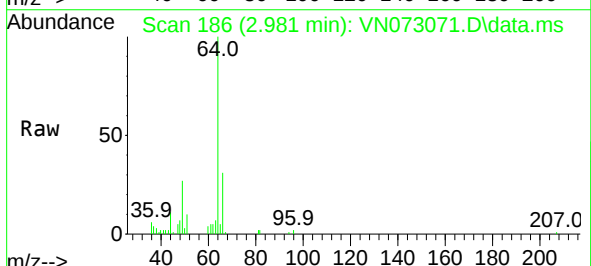
Tgt Ion: 94 Resp: 25878
Ion Ratio Lower Upper
94 100
96 89.6 75.2 112.8

Manual Integrations
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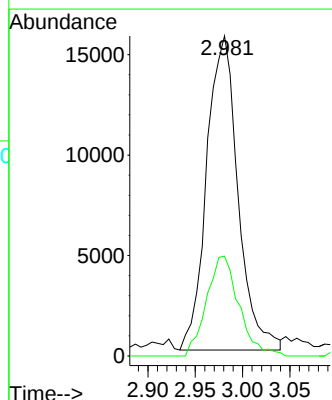
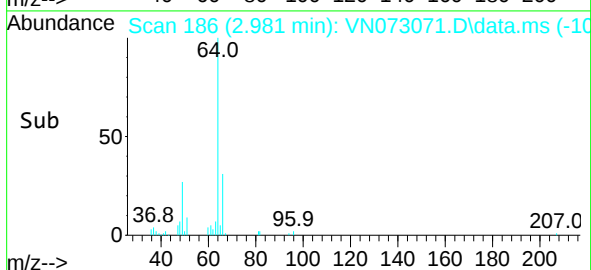
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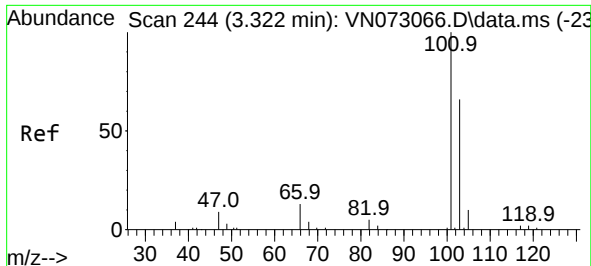


#6
Chloroethane
Concen: 21.205 ug/l
RT: 2.981 min Scan# 186
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



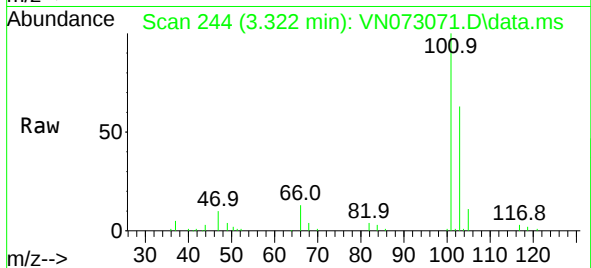
Tgt Ion: 64 Resp: 36060
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.799 ug/l
 RT: 3.322 min Scan# 244
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

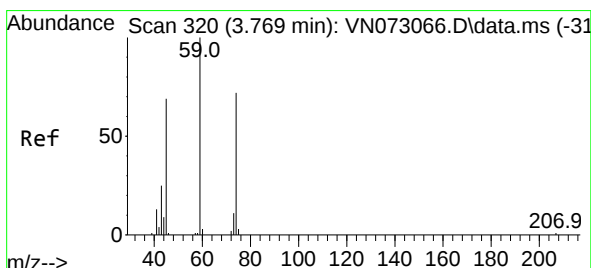
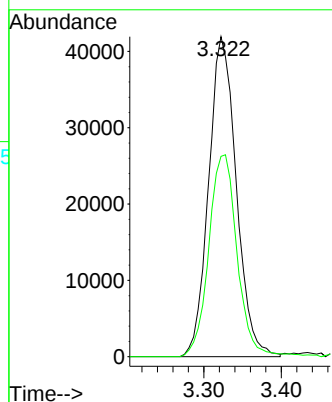
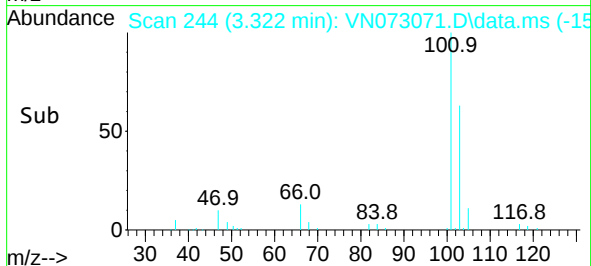
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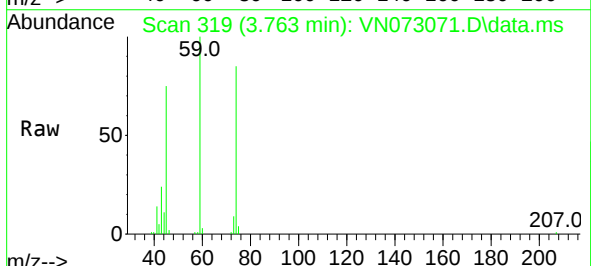
Tgt Ion:101 Resp: 104050
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1

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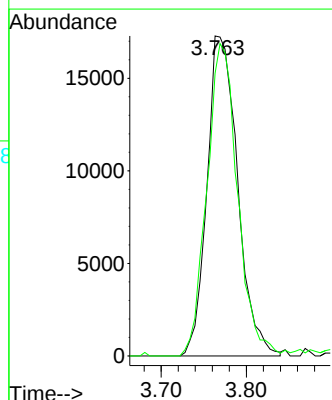
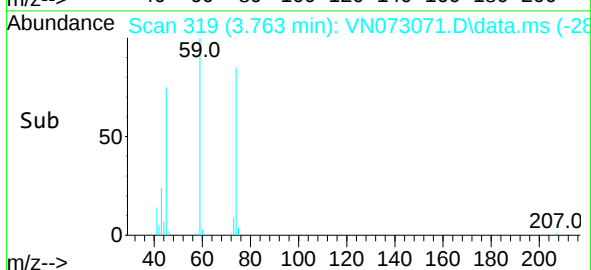
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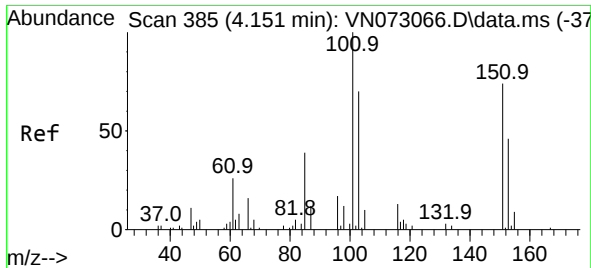


#8
 Diethyl Ether
 Concen: 21.129 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23



Tgt Ion: 74 Resp: 43262
 Ion Ratio Lower Upper
 74 100
 45 97.5 17.6 158.8





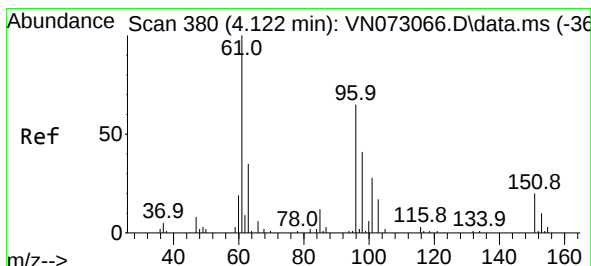
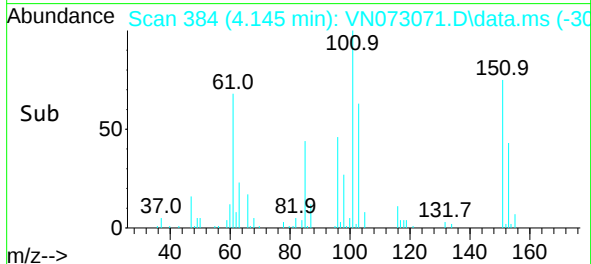
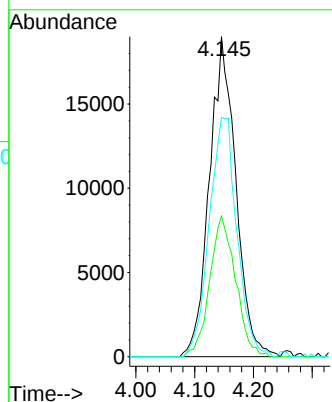
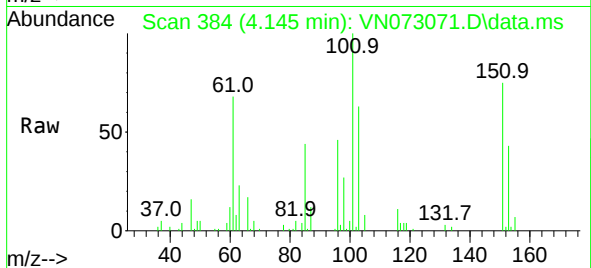
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.471 ug/l
RT: 4.145 min Scan# 385
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322

Tgt Ion:101 Resp: 5934
Ion Ratio Lower Upper
101 100
85 42.9 0.0 94.0
151 78.4 0.0 74.6

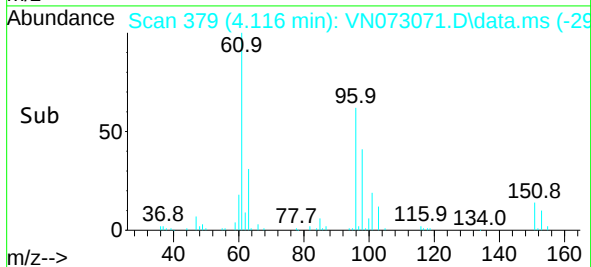
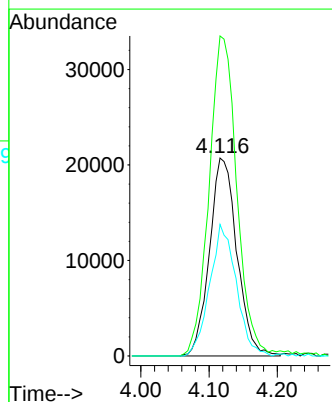
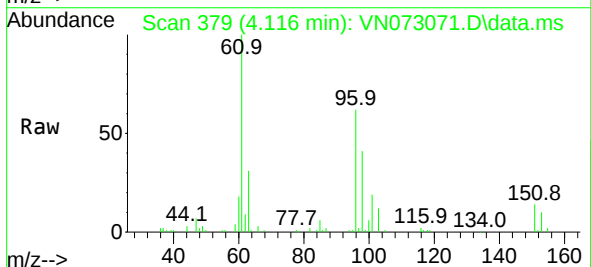
Manual Integrations
APPROVED

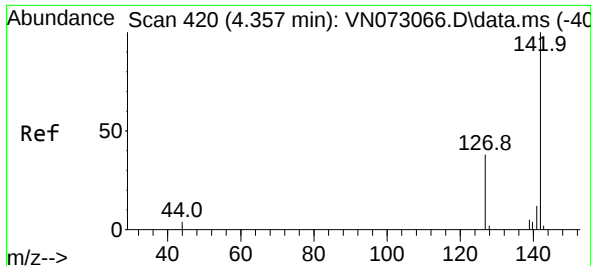
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 20.505 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

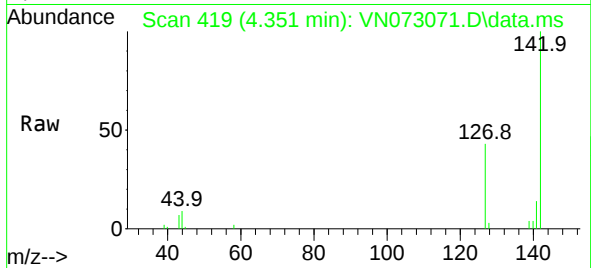
Tgt Ion: 96 Resp: 58001
Ion Ratio Lower Upper
96 100
61 161.6 126.2 189.4
98 66.4 50.9 76.3





#11
Methyl Iodide
Concen: 16.823 ug/l
RT: 4.351 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

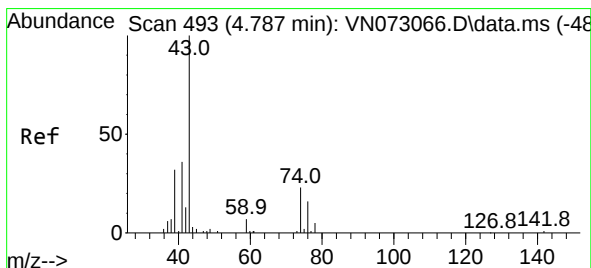
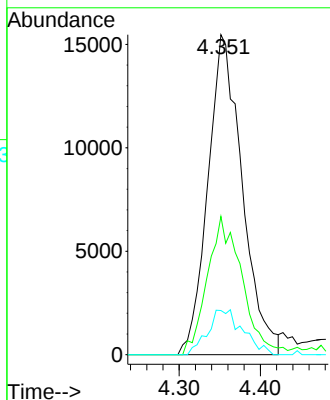
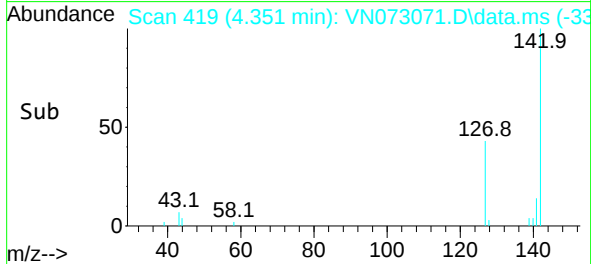
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion:142 Resp: 45394
Ion Ratio Lower Upper
142 100
127 43.5 24.0 72.0
141 14.2 8.4 25.2

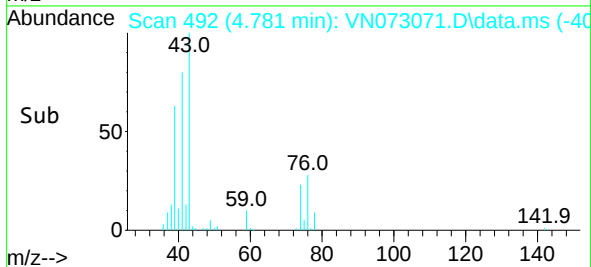
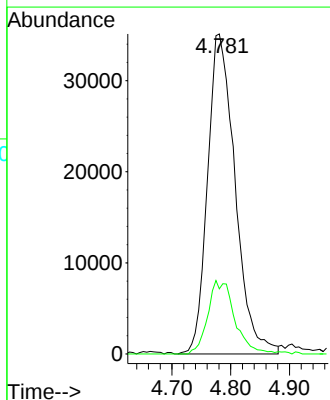
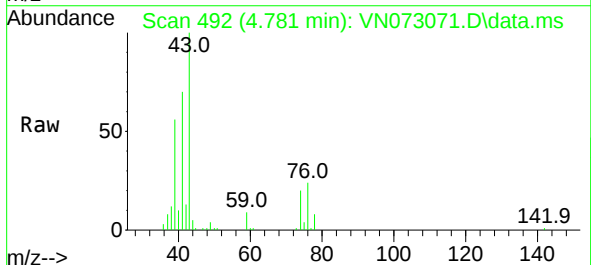
Manual Integrations
APPROVED

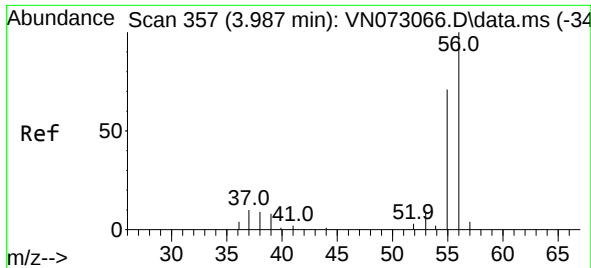
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 19.420 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

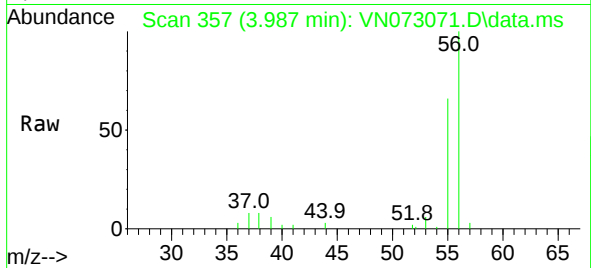
Tgt Ion: 43 Resp: 114396
Ion Ratio Lower Upper
43 100
74 20.2 20.8 31.2#





#13
Acrolein
Concen: 114.301 ug/l
RT: 3.987 min Scan# 357
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

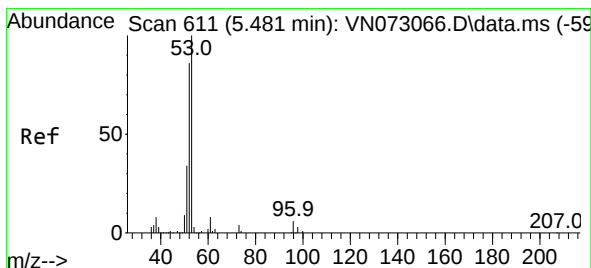
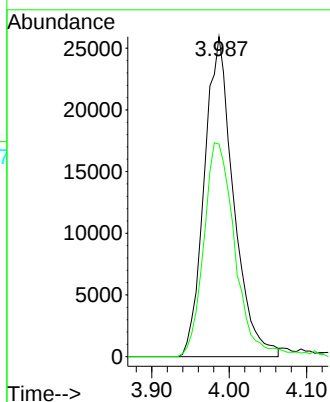
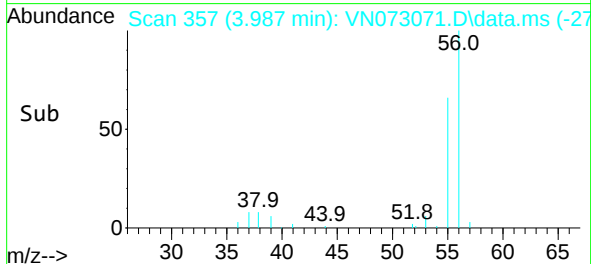
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



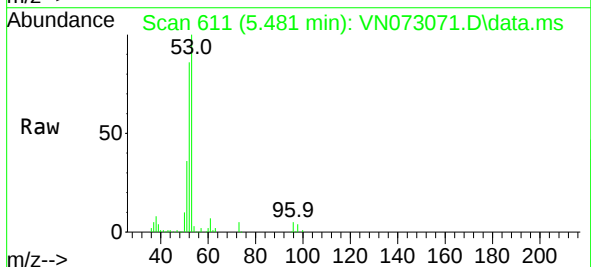
Tgt Ion: 56 Resp: 6786
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4

Manual Integrations
APPROVED

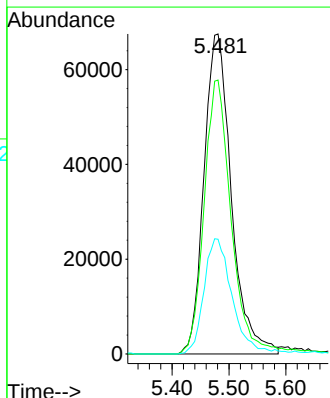
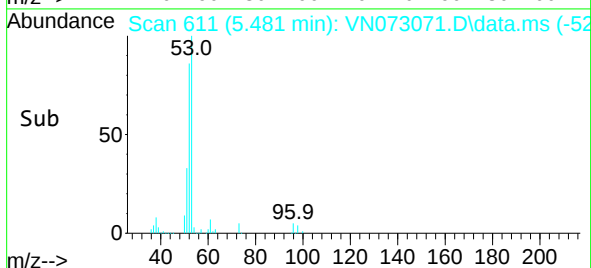
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

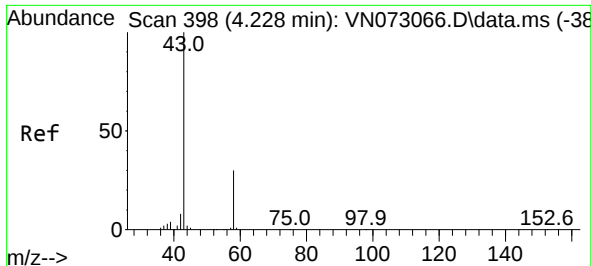


#14
Acrylonitrile
Concen: 100.793 ug/l
RT: 5.481 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



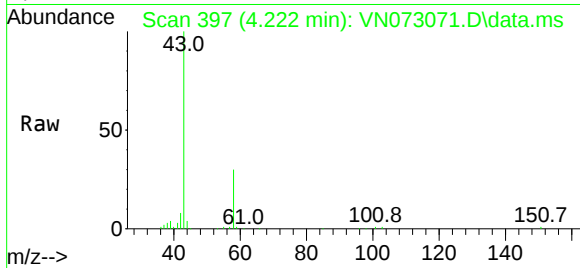
Tgt Ion: 53 Resp: 226199
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 36.2 19.0 57.0





#15
Acetone
Concen: 99.278 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

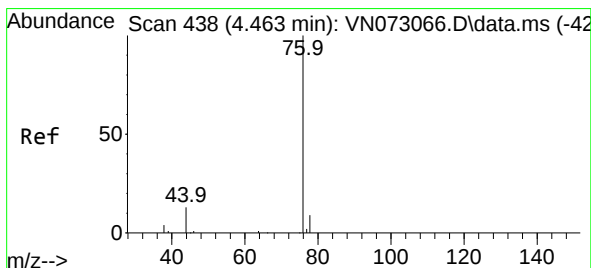
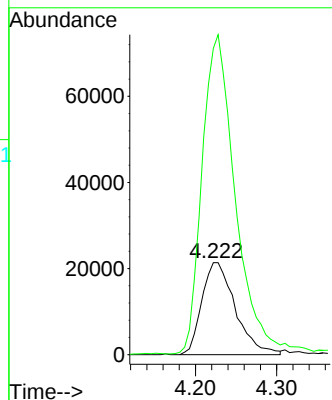
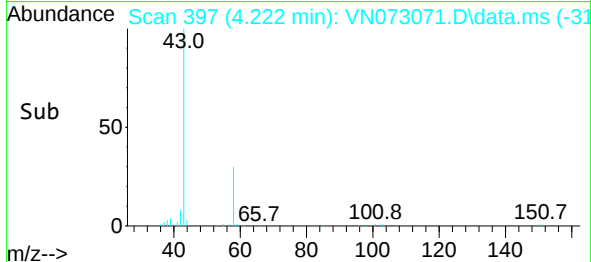
Instrument : MSVOA_N
ClientSampleId : ICVVN062322



Tgt Ion: 58 Resp: 61450
Ion Ratio Lower Upper
58 100
43 330.3 256.6 384.8

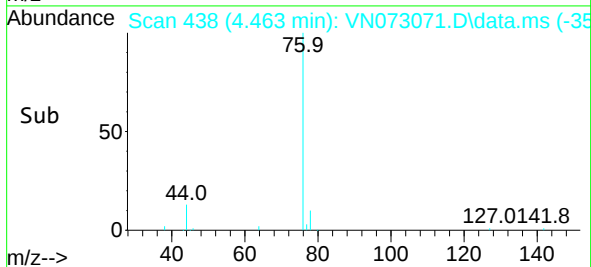
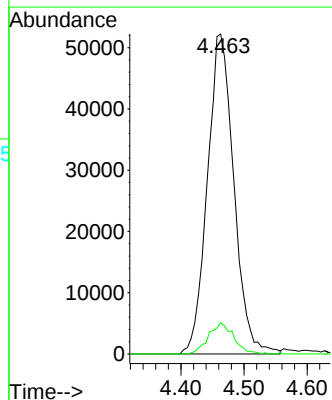
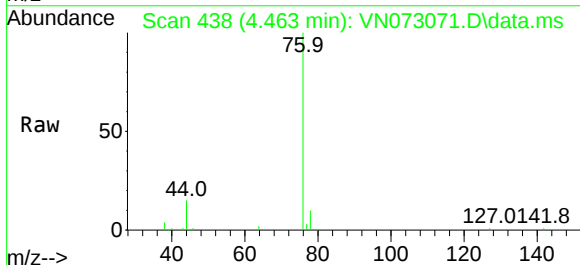
Manual Integrations
APPROVED

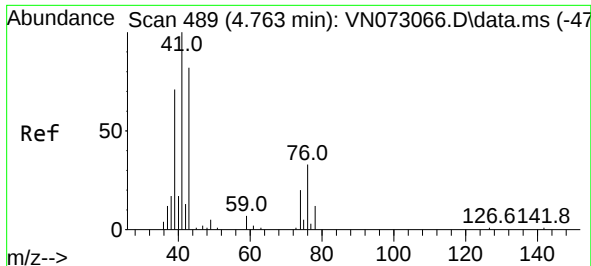
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Carbon Disulfide
Concen: 20.415 ug/l
RT: 4.463 min Scan# 438
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

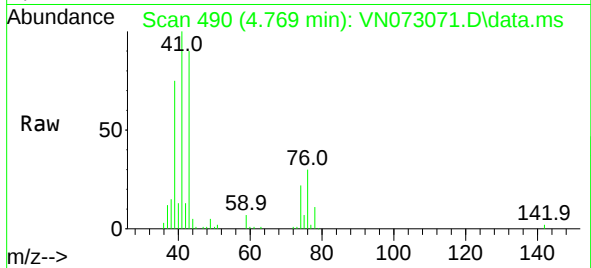
Tgt Ion: 76 Resp: 152276
Ion Ratio Lower Upper
76 100
78 9.8 7.8 11.8





#17
 Allyl chloride
 Concen: 21.148 ug/l
 RT: 4.769 min Scan# 490
 Delta R.T. 0.006 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

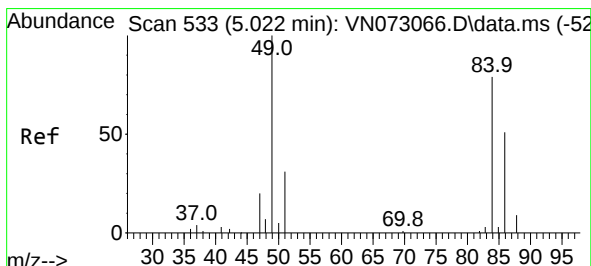
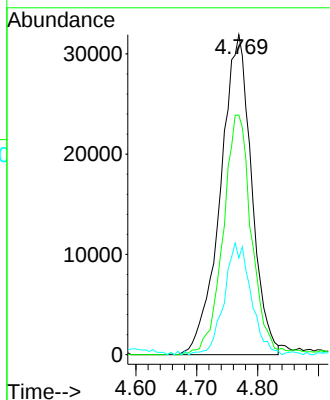
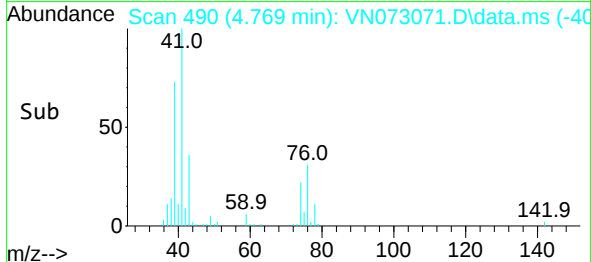
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062322



Tgt Ion: 41 Resp: 11354
 Ion Ratio Lower Upper
 41 100
 39 74.9 44.6 134.0
 76 29.2 19.6 58.7

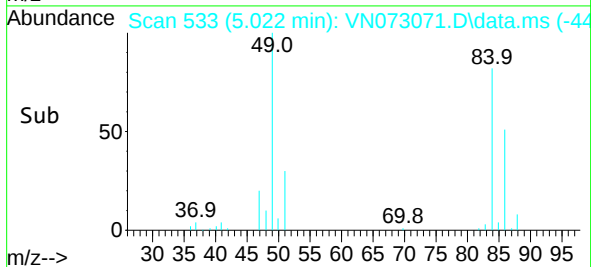
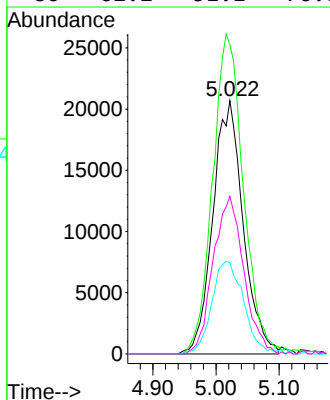
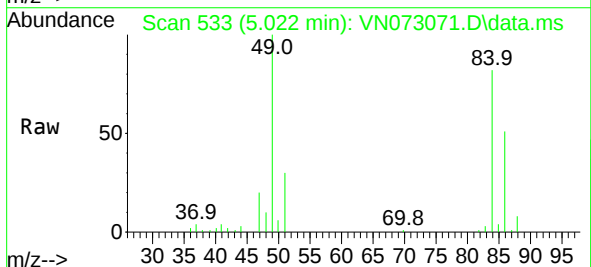
Manual Integrations
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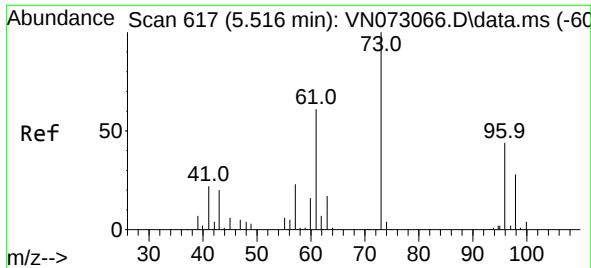
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#18
 Methylene Chloride
 Concen: 20.410 ug/l
 RT: 5.022 min Scan# 533
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

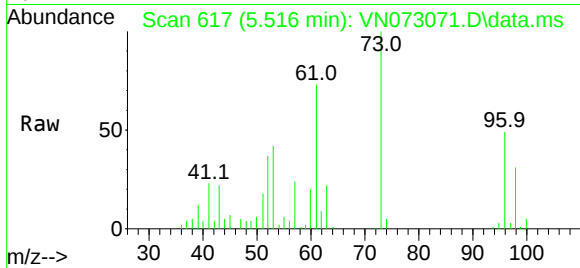
Tgt Ion: 84 Resp: 68853
 Ion Ratio Lower Upper
 84 100
 49 122.0 91.4 137.0
 51 36.2 29.4 44.0
 86 62.2 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 20.979 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

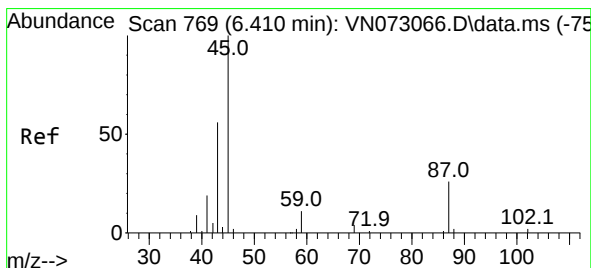
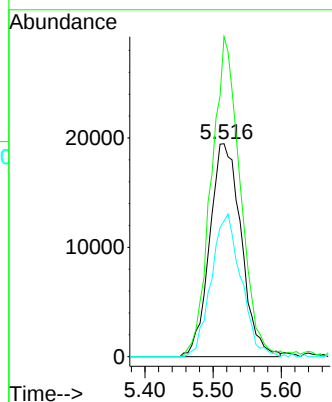
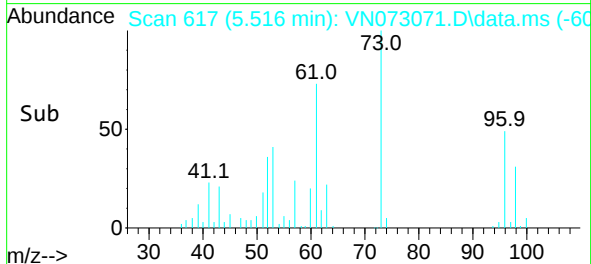
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



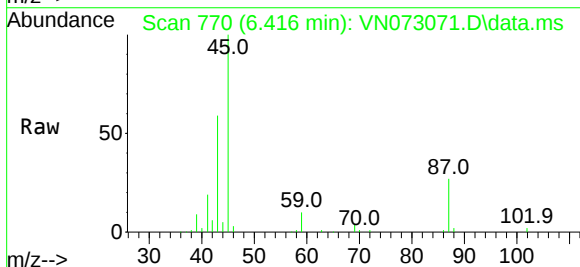
Tgt Ion: 96 Resp: 6262
Ion Ratio Lower Upper
96 100
61 150.3 102.8 154.2
98 63.7 49.3 73.9

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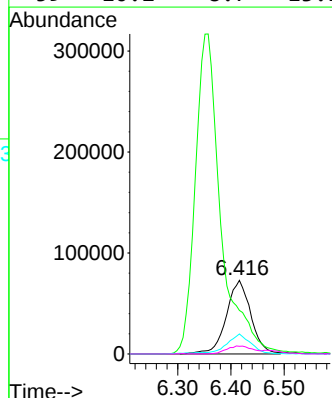
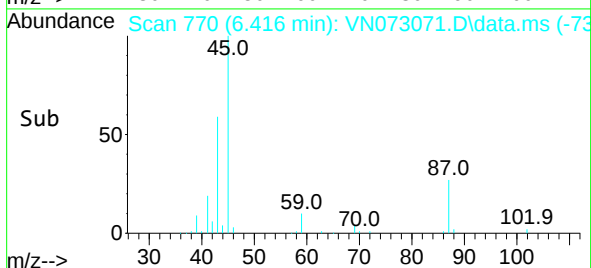
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

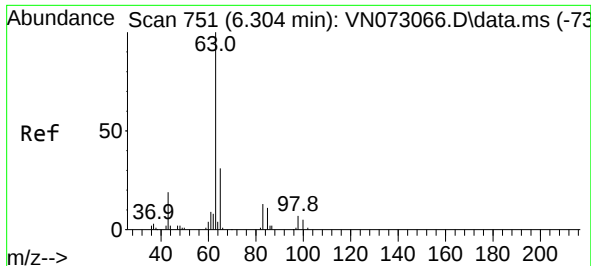


#20
Diisopropyl ether
Concen: 20.604 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion: 45 Resp: 232752
Ion Ratio Lower Upper
45 100
43 54.6 51.0 76.4
87 26.6 25.0 37.4
59 10.2 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.262 ug/l

RT: 6.304 min Scan# 751

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

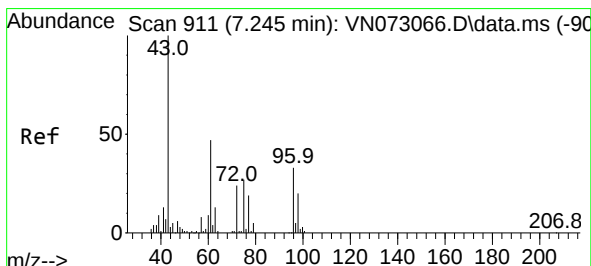
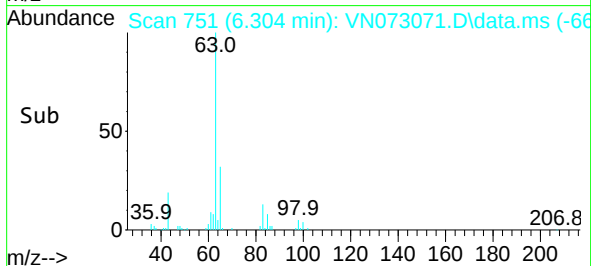
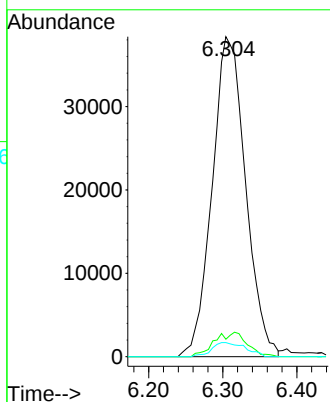
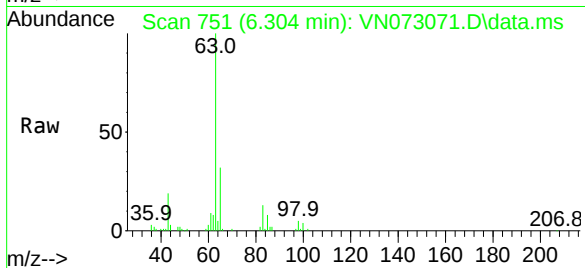
Tgt Ion:	63	Resp:	120090
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.2	9.6
100	4.4	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#22

cis-1,2-Dichloroethene

Concen: 20.526 ug/l

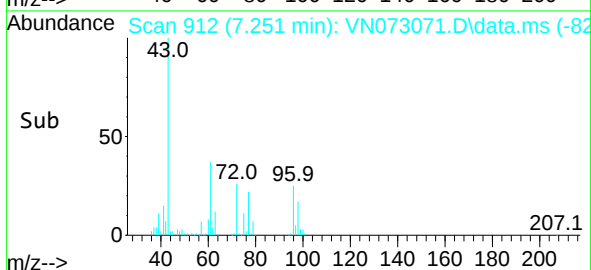
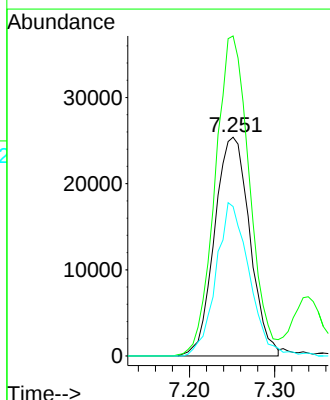
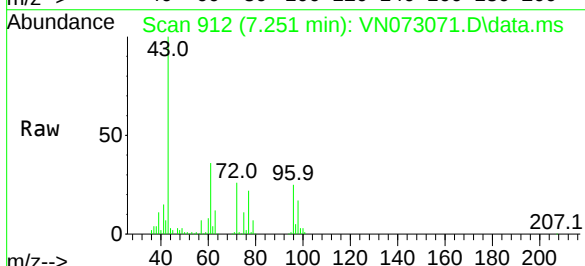
RT: 7.251 min Scan# 912

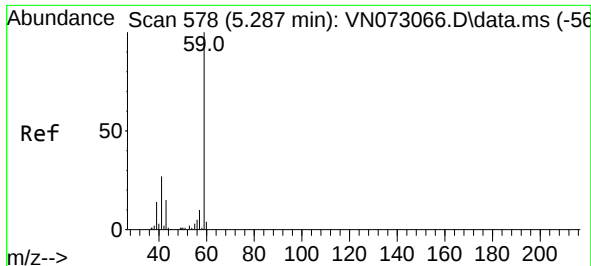
Delta R.T. 0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

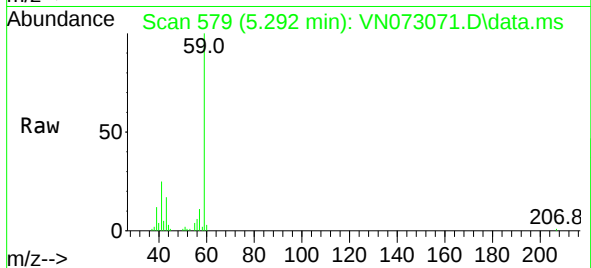
Tgt Ion:	96	Resp:	72857
Ion	Ratio	Lower	Upper
96	100		
61	142.7	115.7	173.5
98	65.4	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 99.455 ug/l
RT: 5.292 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

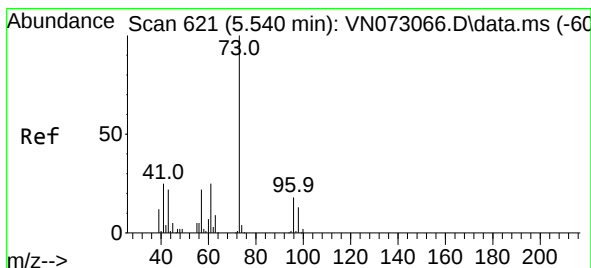
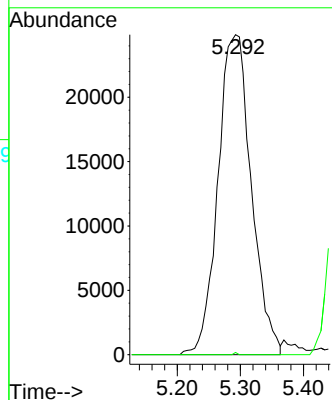
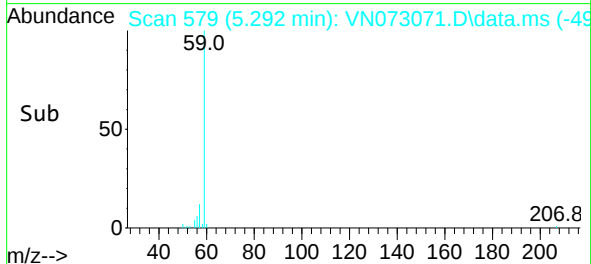
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion: 59 Resp: 91136
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

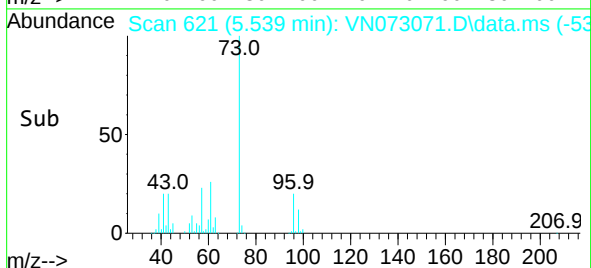
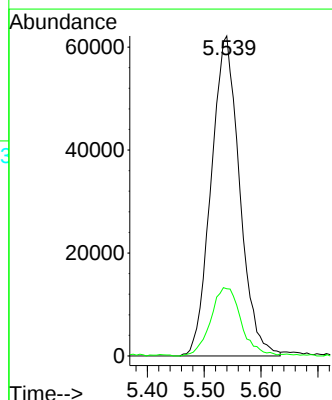
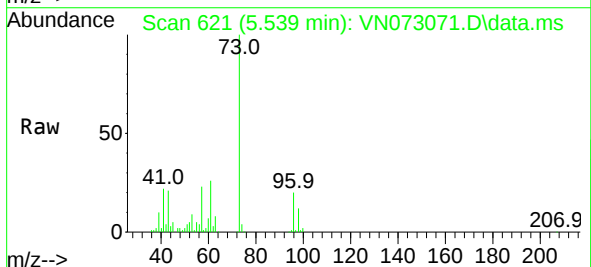
Manual Integrations
APPROVED

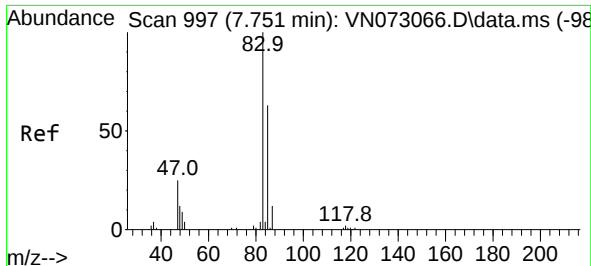
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#24
Methyl tert-Butyl Ether
Concen: 20.492 ug/l
RT: 5.539 min Scan# 621
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

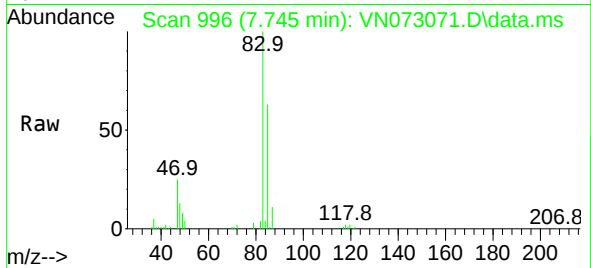
Tgt Ion: 73 Resp: 216222
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1





#25
Chloroform
Concen: 20.573 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

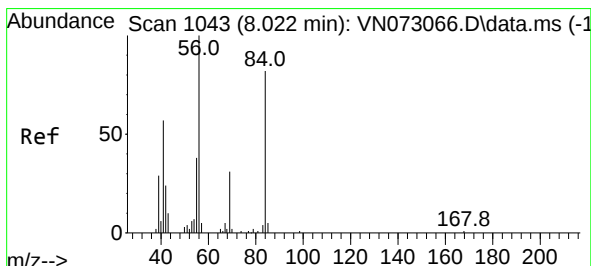
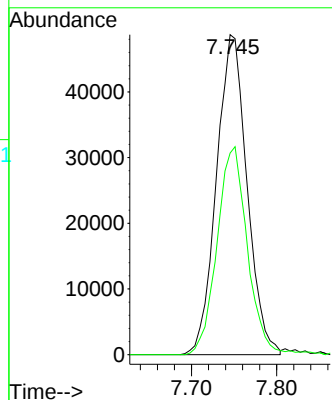
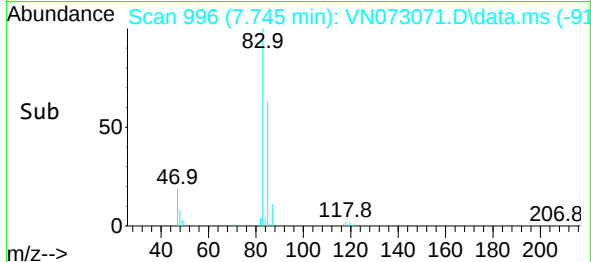
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



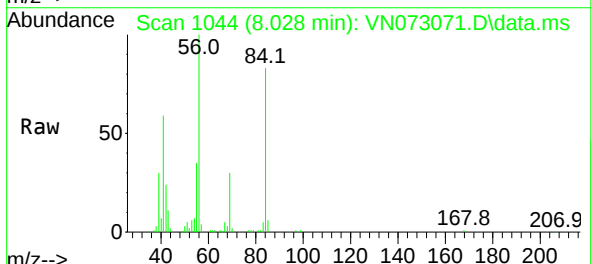
Tgt Ion: 83 Resp: 121349
Ion Ratio Lower Upper
83 100
85 63.0 51.3 76.9

Manual Integrations
APPROVED

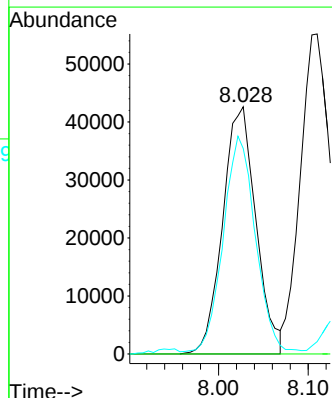
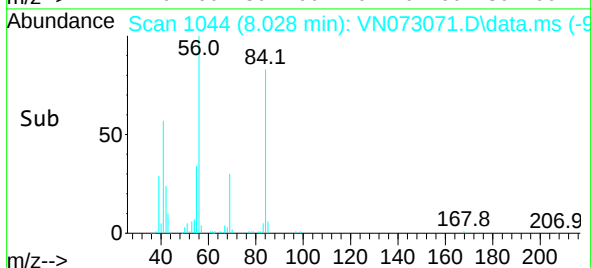
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

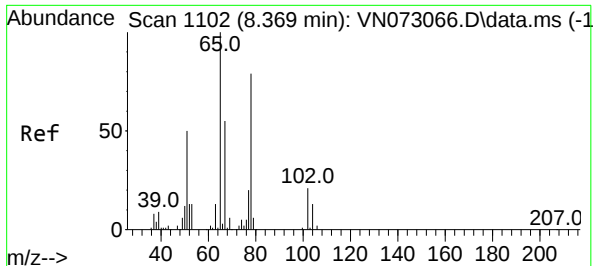


#26
Cyclohexane
Concen: 21.160 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion: 56 Resp: 109804
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.677 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073071.D

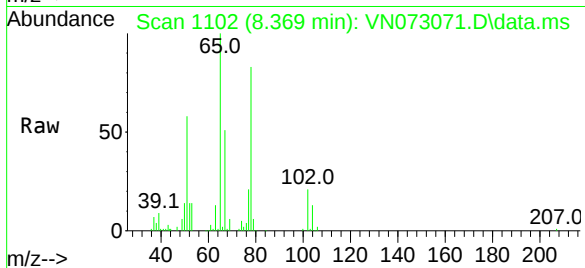
Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322



Tgt Ion: 65 Resp: 12147

Ion Ratio Lower Upper

65 100

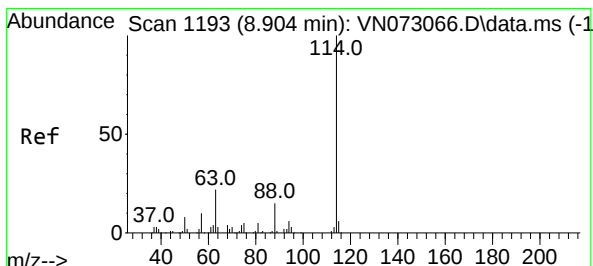
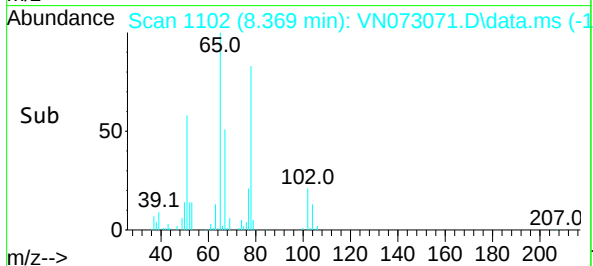
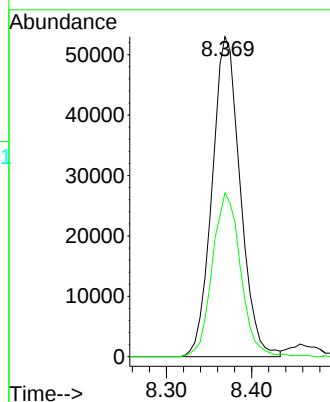
67 51.1 40.2 60.2

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: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

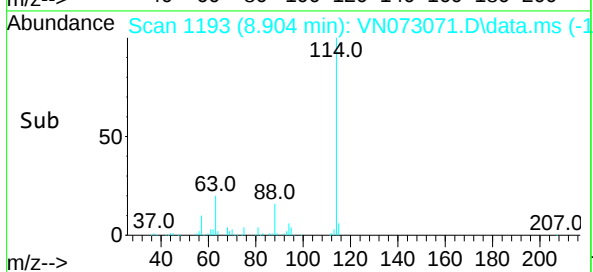
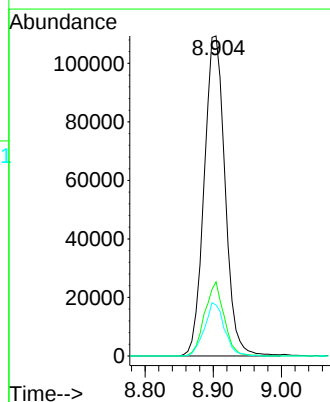
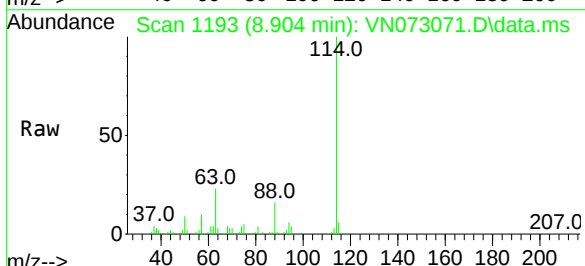
Tgt Ion:114 Resp: 233307

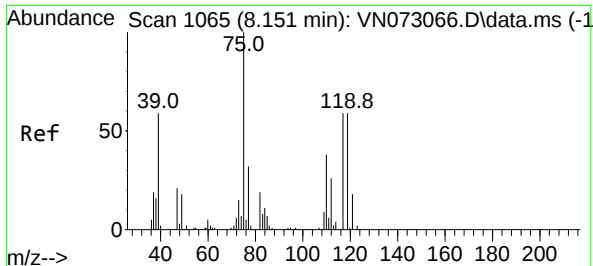
Ion Ratio Lower Upper

114 100

63 21.5 15.8 23.6

88 15.9 11.6 17.4





#29

1,1-Dichloropropene

Concen: 20.706 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

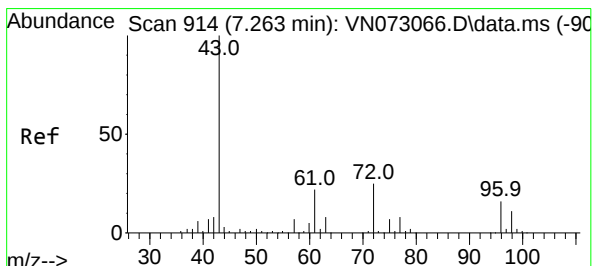
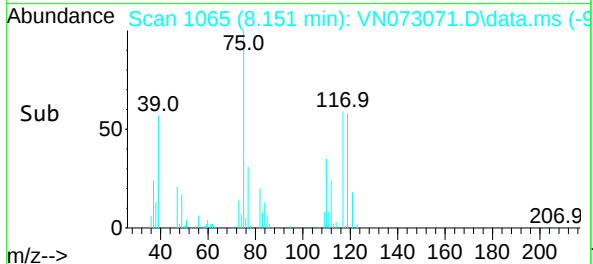
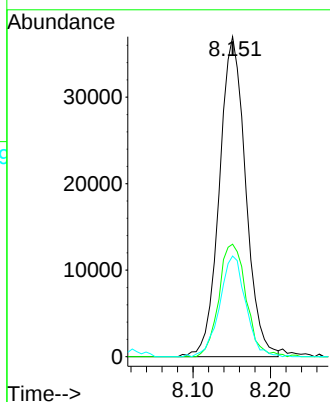
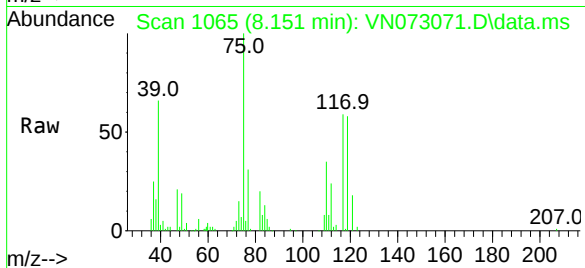
Tgt Ion: 75	Resp: 8734
Ion Ratio	Lower Upper
75 100	
110 36.4	0.0 74.2
77 31.1	0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

2-Butanone

Concen: 101.637 ug/l

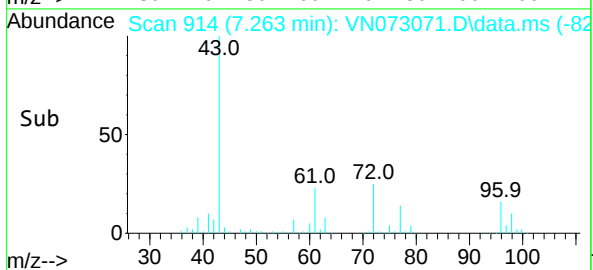
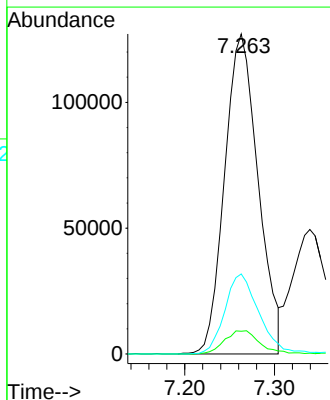
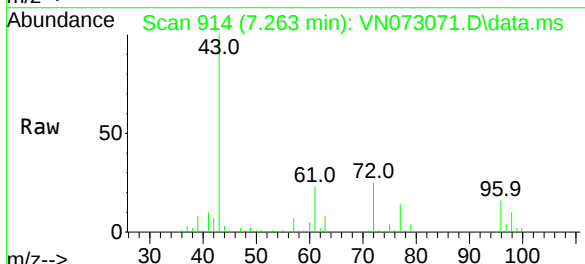
RT: 7.263 min Scan# 914

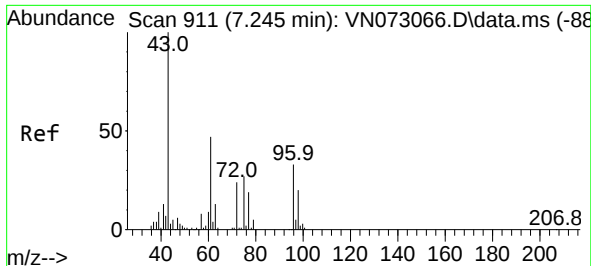
Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Tgt Ion: 43	Resp: 330177
Ion Ratio	Lower Upper
43 100	
57 7.5	6.7 10.1
72 25.1	23.2 34.8





#31

2,2-Dichloropropane

Concen: 34.305 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.000 min

Lab File: VN073071.D

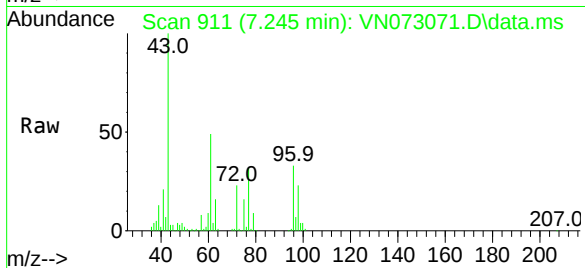
Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322



Tgt Ion: 77 Resp: 7083

Ion Ratio Lower Upper

77 100

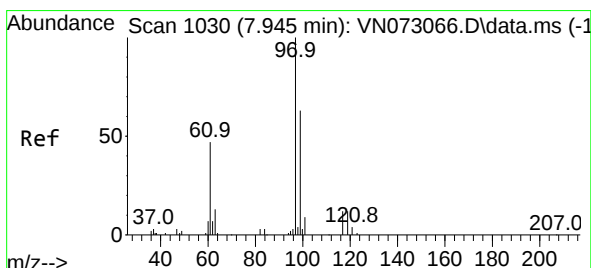
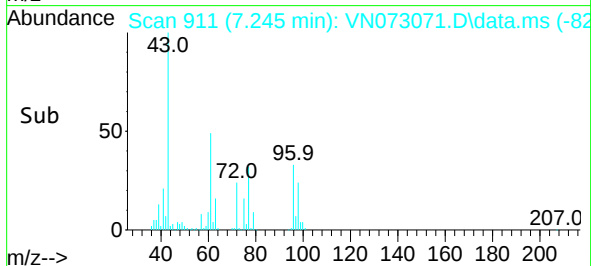
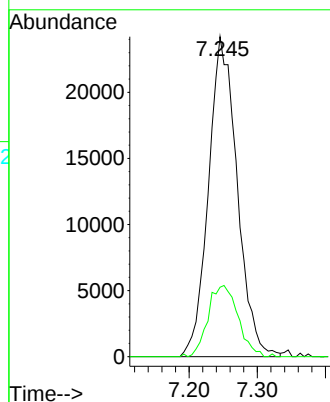
97 23.1 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 21.029 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

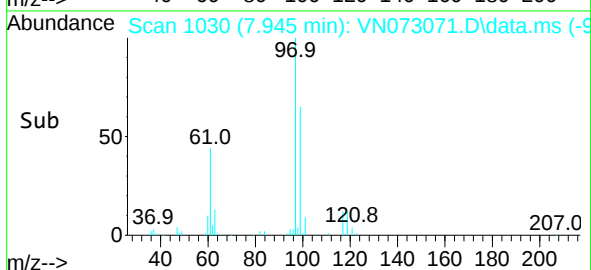
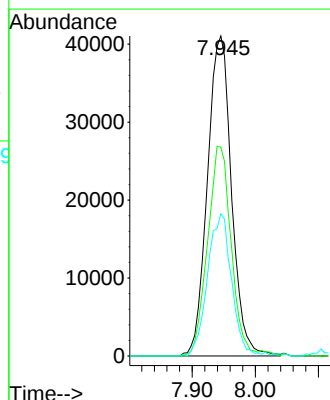
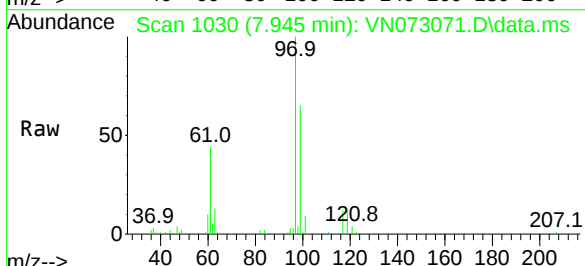
Tgt Ion: 97 Resp: 108991

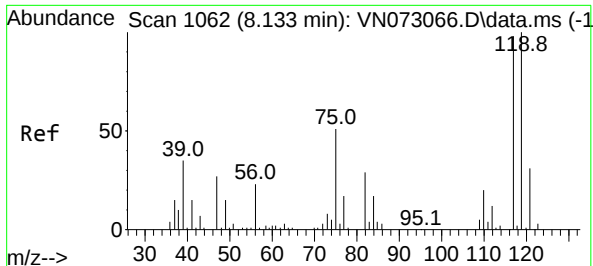
Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

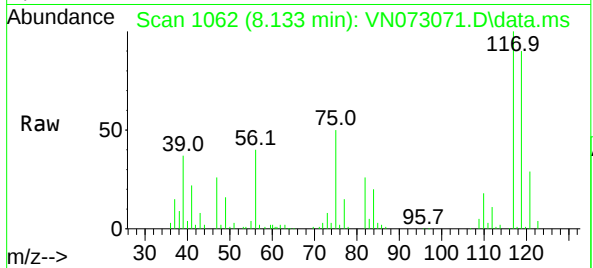
61 43.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.825 ug/l
RT: 8.133 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

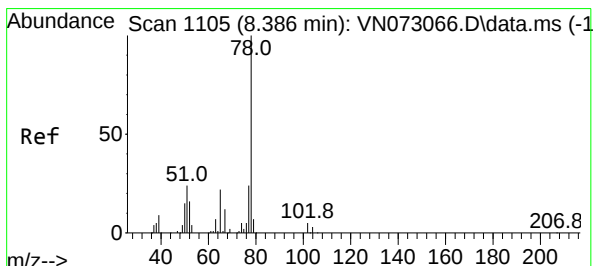
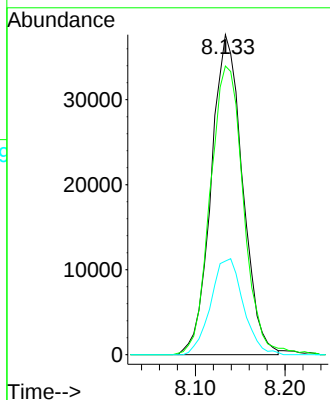
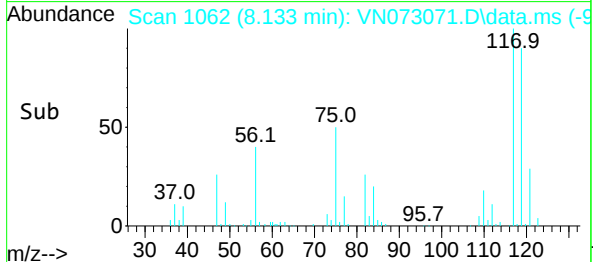
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



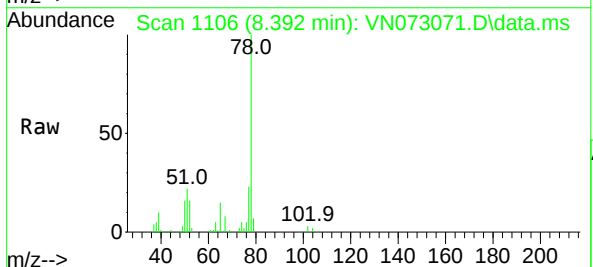
Tgt Ion:117 Resp: 91262
Ion Ratio Lower Upper
117 100
119 89.7 77.5 116.3
121 29.3 23.5 35.3

Manual Integrations
APPROVED

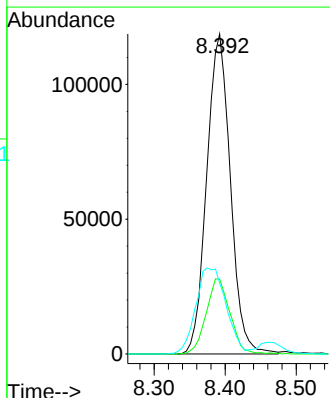
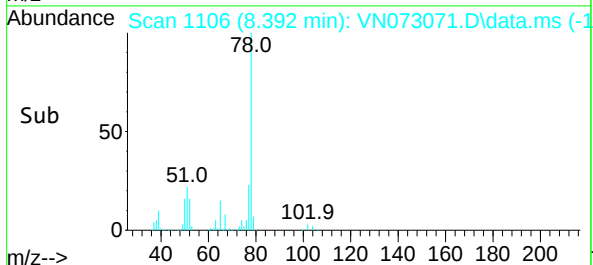
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

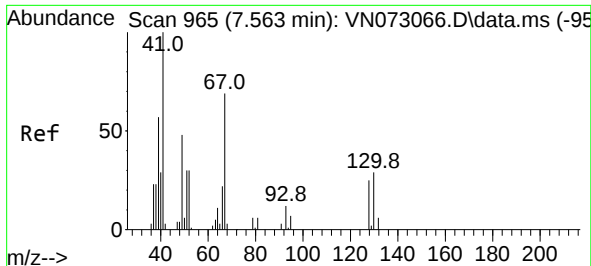


#34
Benzene
Concen: 20.937 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



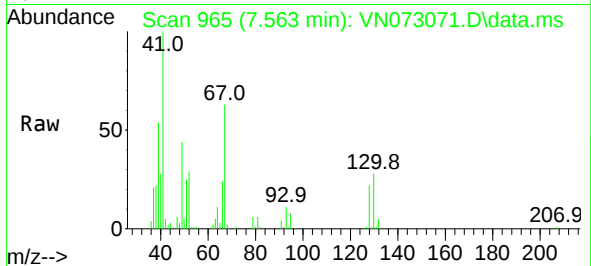
Tgt Ion: 78 Resp: 274896
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 21.3 16.0 24.0





#35
Methacrylonitrile
Concen: 21.330 ug/l
RT: 7.563 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

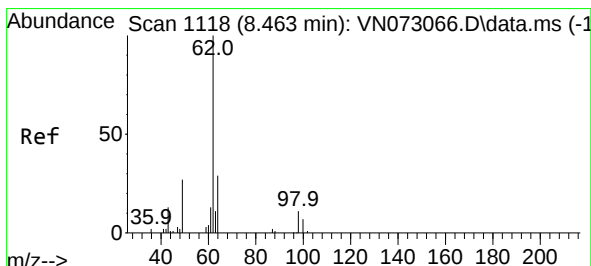
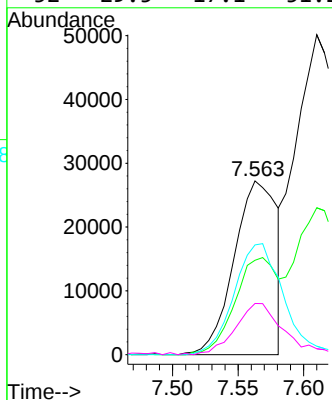
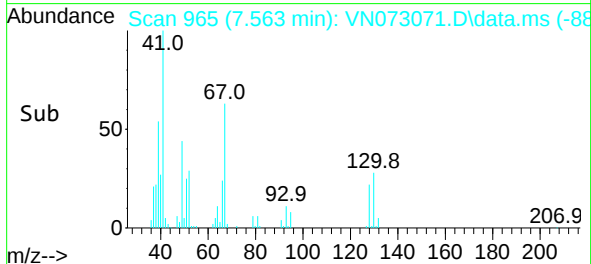
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion: 41 Resp: 61644
Ion Ratio Lower Upper
41 100
39 53.2 28.0 83.9
67 63.2 37.7 113.1
52 29.5 17.1 51.2

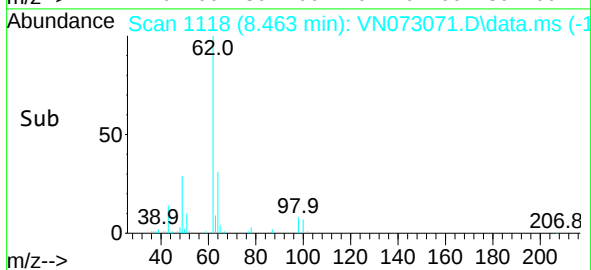
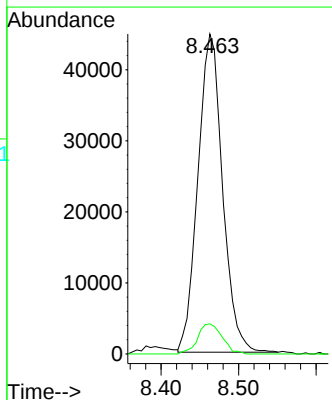
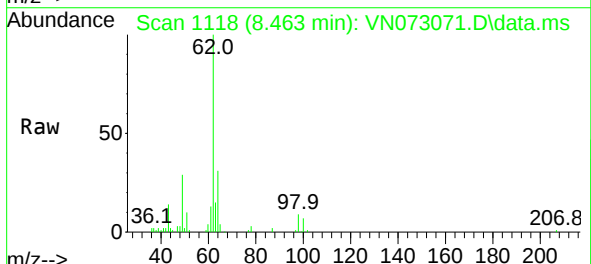
Manual Integrations
APPROVED

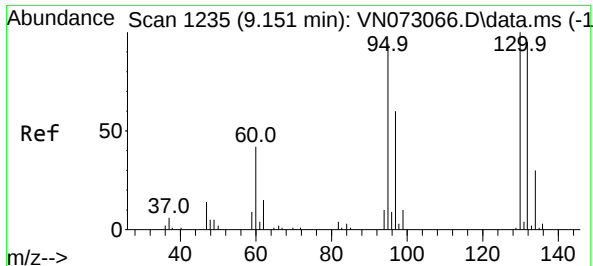
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#36
1,2-Dichloroethane
Concen: 20.338 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Tgt Ion: 62 Resp: 98965
Ion Ratio Lower Upper
62 100
98 9.4 6.6 10.0





#37

Trichloroethene

Concen: 20.277 ug/l

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

Tgt Ion:130 Resp: 66254

Ion Ratio Lower Upper

130 100

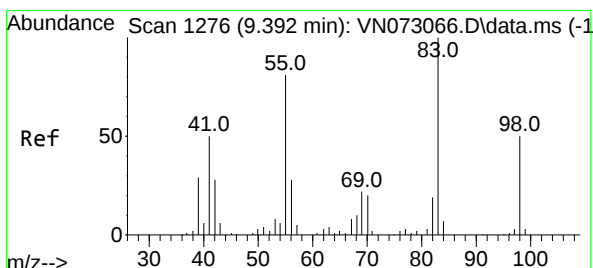
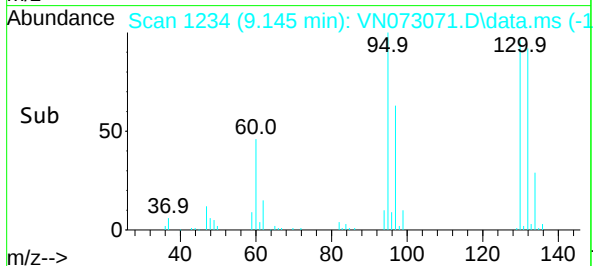
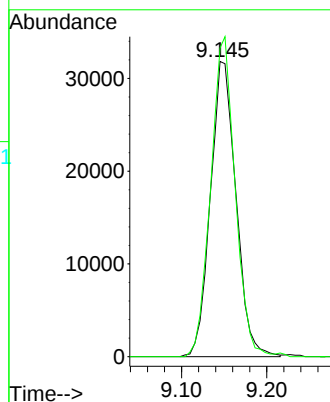
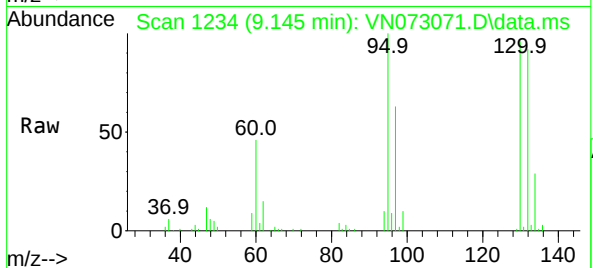
95 104.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#38

Methylcyclohexane

Concen: 20.854 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

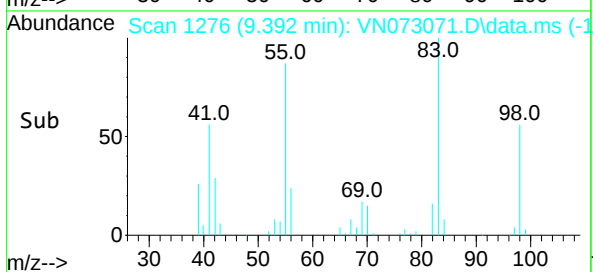
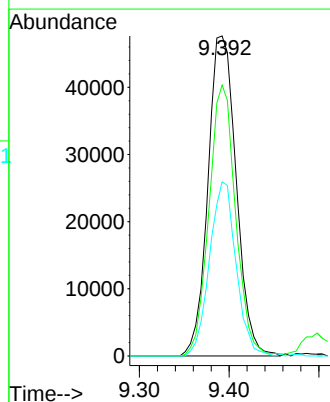
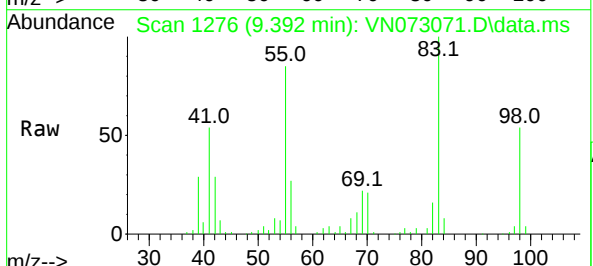
Tgt Ion: 83 Resp: 104185

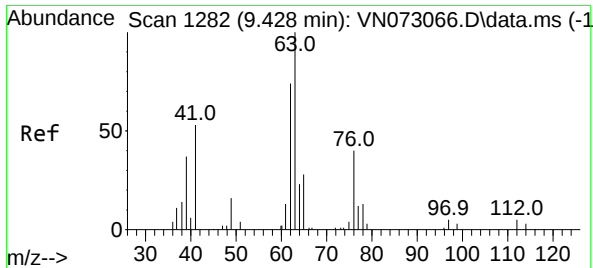
Ion Ratio Lower Upper

83 100

55 79.6 35.1 105.3

98 51.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.868 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

Tgt Ion: 63 Resp: 7084

Ion Ratio Lower Upper

63 100

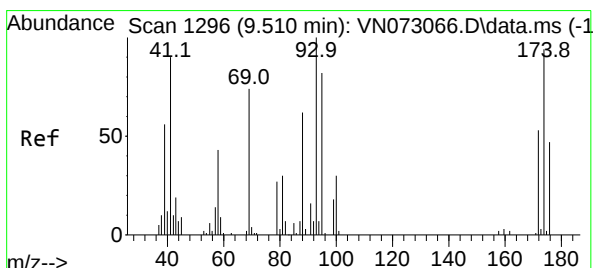
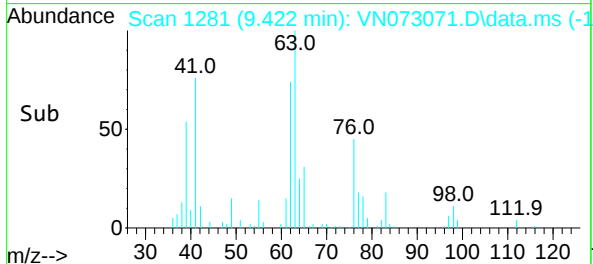
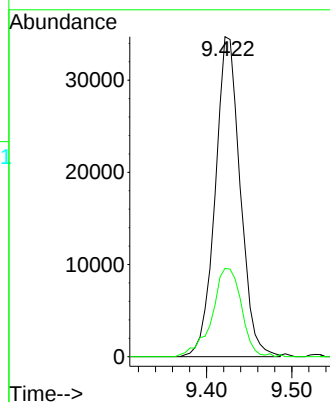
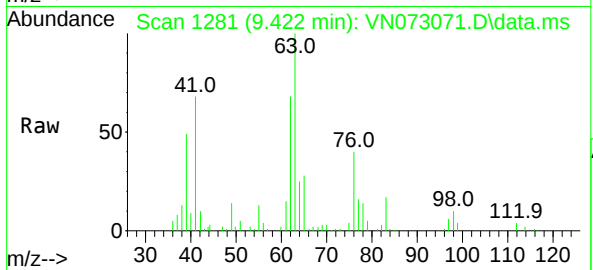
65 27.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 20.376 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

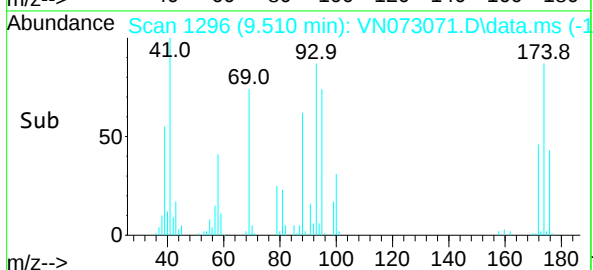
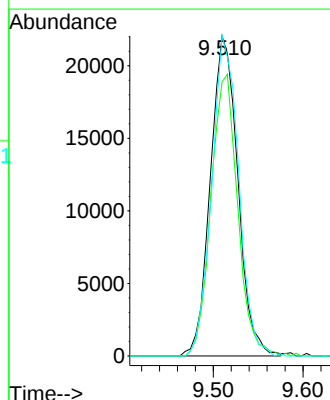
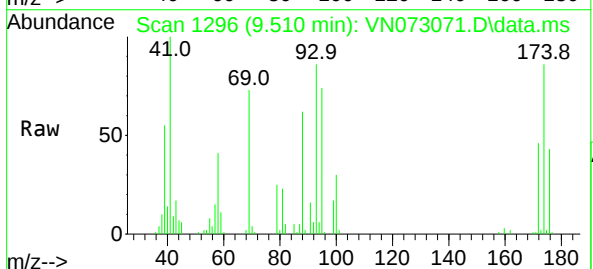
Tgt Ion: 93 Resp: 46810

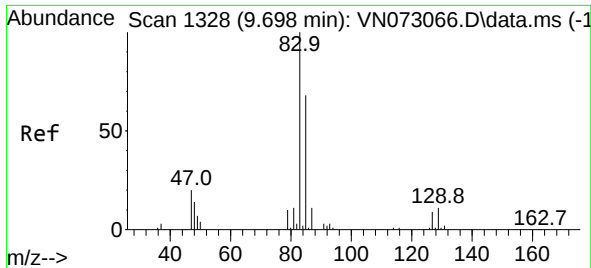
Ion Ratio Lower Upper

93 100

95 85.7 0.0 168.8

174 97.7 0.0 173.6





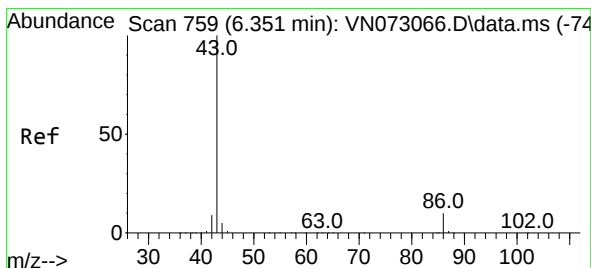
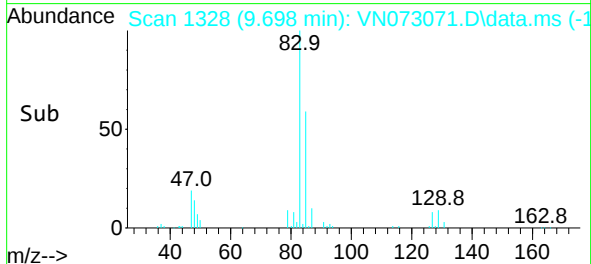
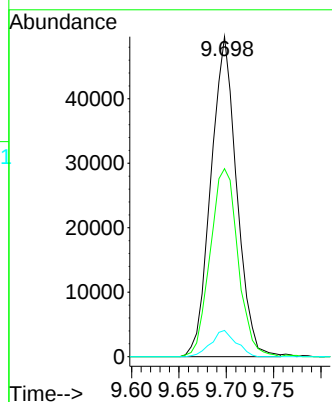
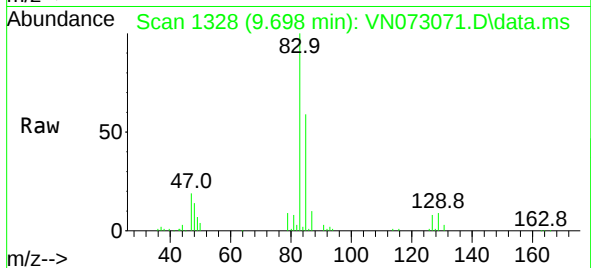
#41
Bromodichloromethane
Concen: 20.341 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322

Tgt Ion: 83 Resp: 94018
Ion Ratio Lower Upper
83 100
85 58.7 54.1 81.1
127 8.2 7.6 11.4

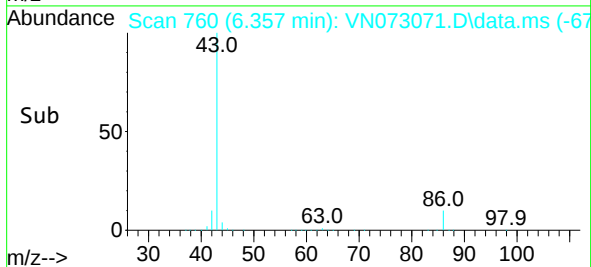
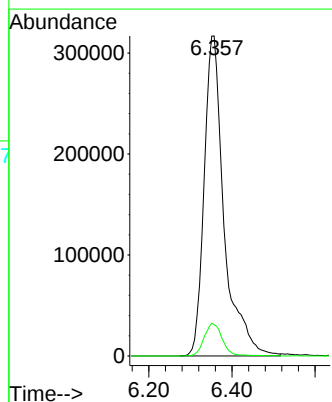
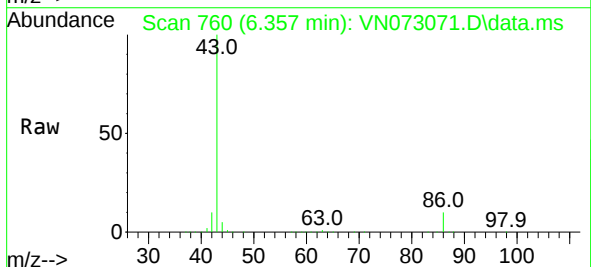
Manual Integrations
APPROVED

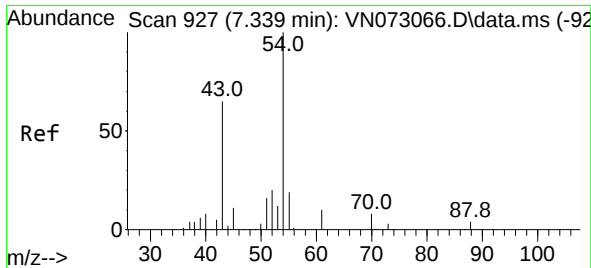
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Vinyl Acetate
Concen: 105.254 ug/l
RT: 6.357 min Scan# 760
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

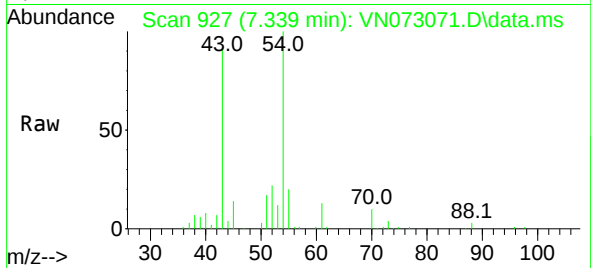
Tgt Ion: 43 Resp: 1057213
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3





#43
Ethyl Acetate
Concen: 21.711 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

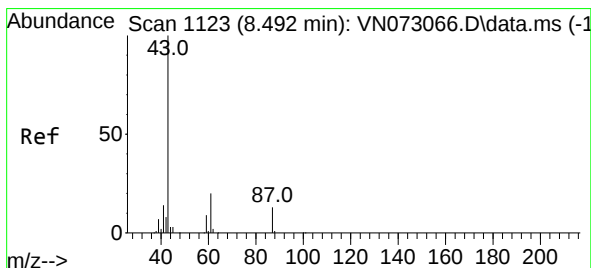
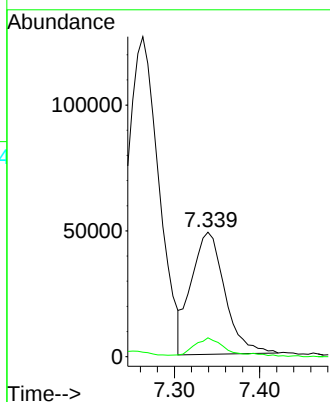
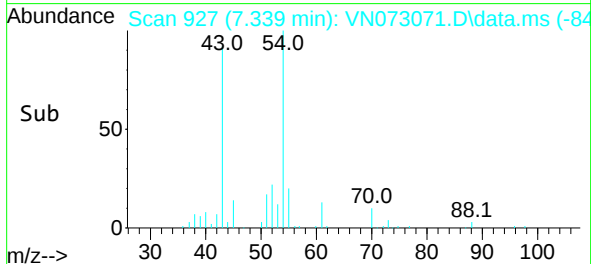
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



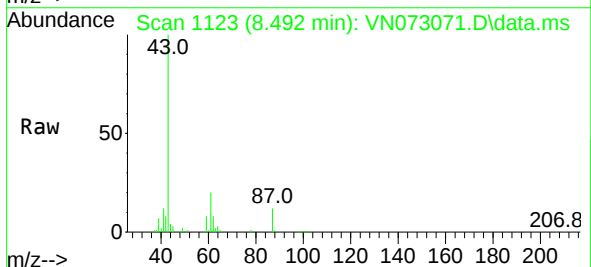
Tgt Ion: 43 Resp: 132830
Ion Ratio Lower Upper
43 100
45 12.2 10.6 16.0

Manual Integrations
APPROVED

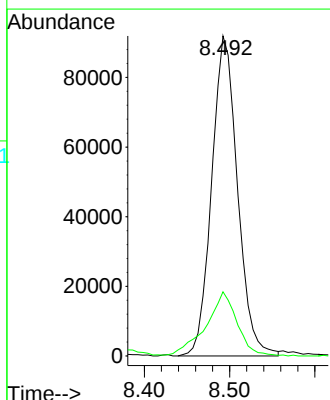
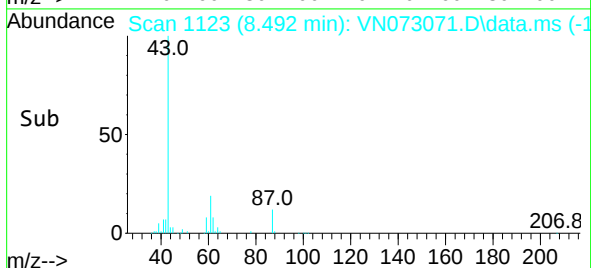
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

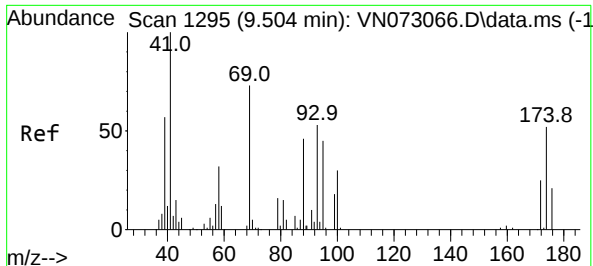


#44
Isopropyl Acetate
Concen: 20.516 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion: 43 Resp: 193824
Ion Ratio Lower Upper
43 100
61 24.3 20.1 30.1





#45

1,4-Dioxane

Concen: 424.027 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

Tgt Ion: 88 Resp: 35690

Ion Ratio Lower Upper

88 100

43 29.9 25.0 37.6

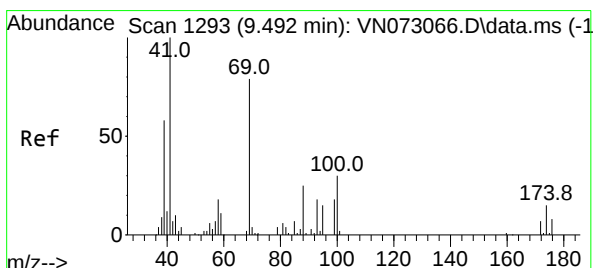
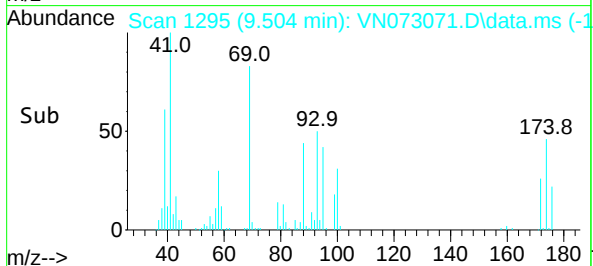
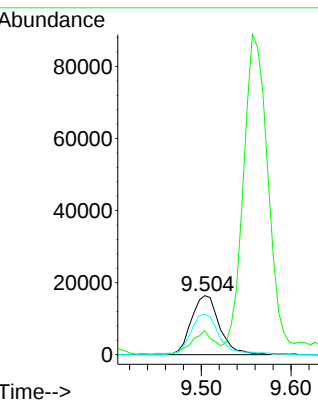
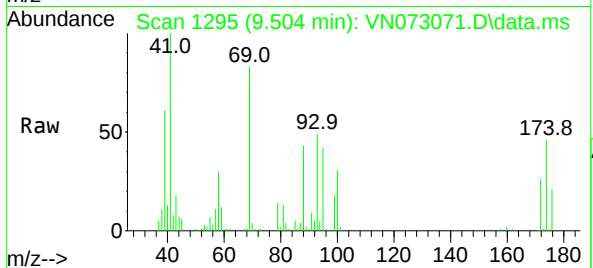
58 68.1 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 19.922 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

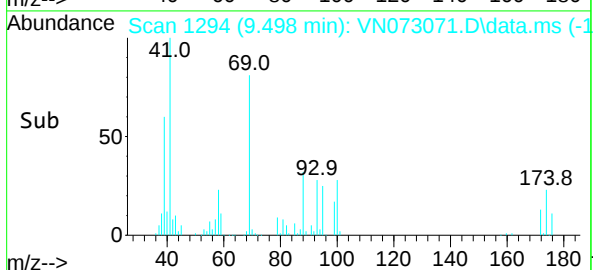
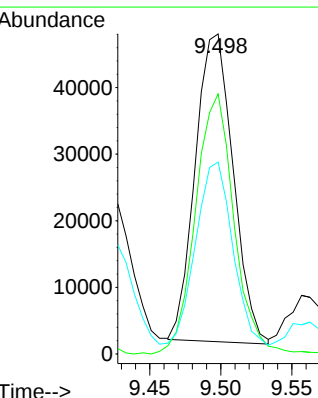
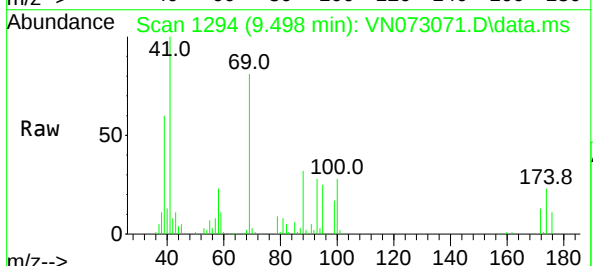
Tgt Ion: 41 Resp: 85642

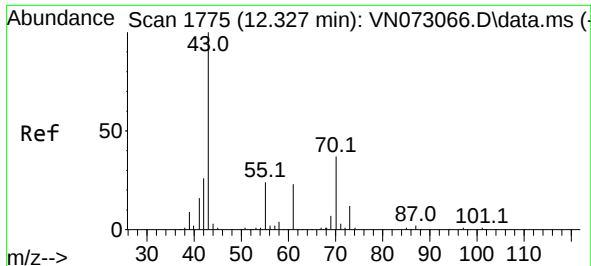
Ion Ratio Lower Upper

41 100

69 82.6 44.4 133.2

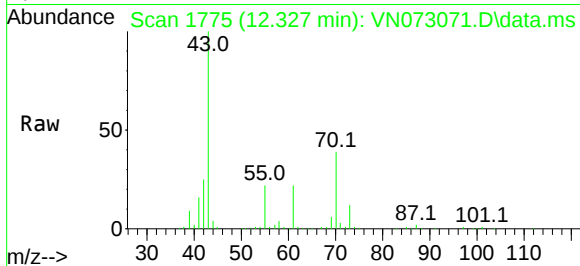
39 60.0 39.9 119.6





#47
n-amyl acetate
Concen: 20.158 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

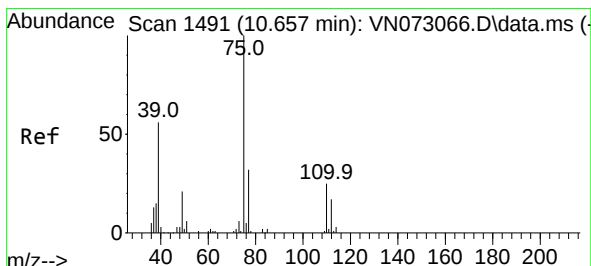
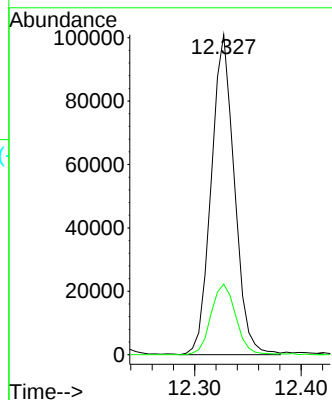
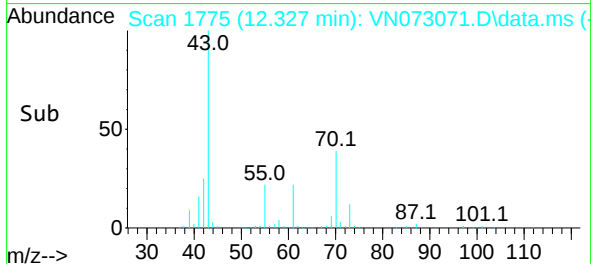
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion: 43 Resp: 15262
Ion Ratio Lower Upper
43 100
55 23.6 19.0 28.6

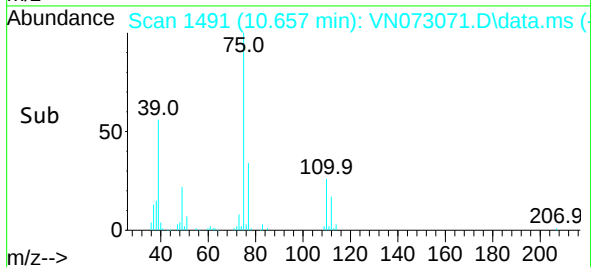
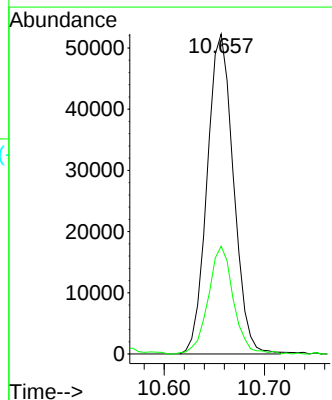
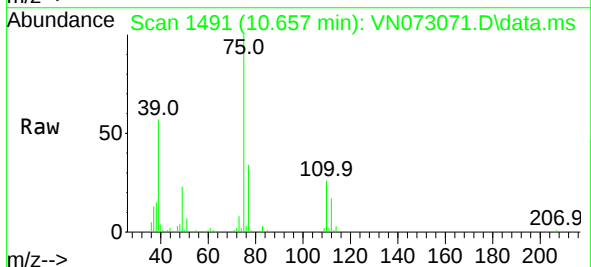
Manual Integrations
APPROVED

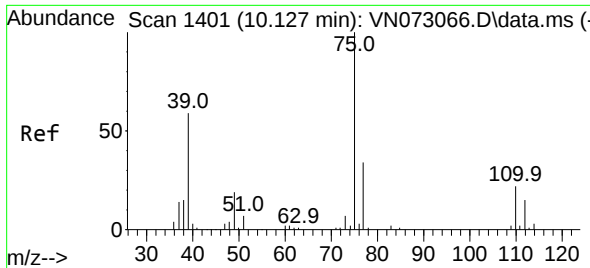
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 22.102 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

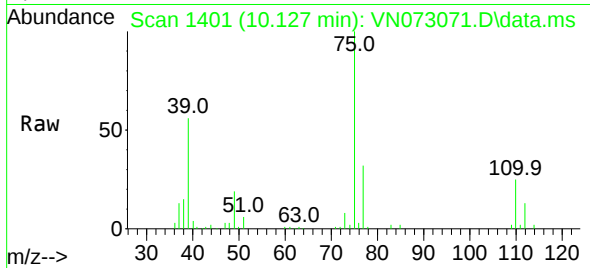
Tgt Ion: 75 Resp: 95545
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 22.289 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

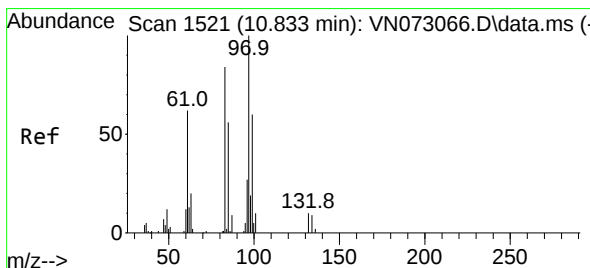
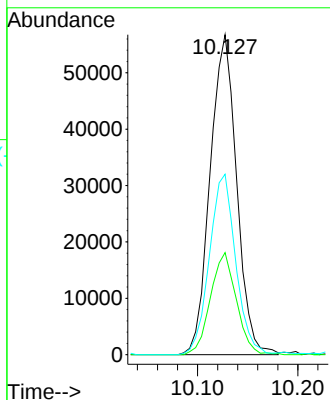
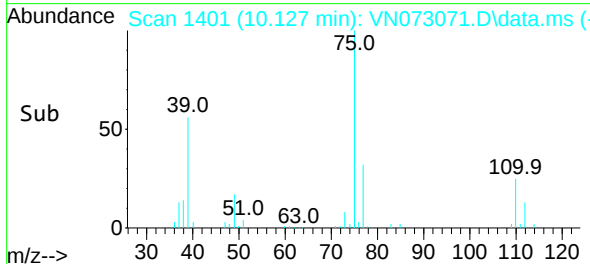
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062322



Tgt Ion: 75 Resp: 10434
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 56.4 46.2 69.4

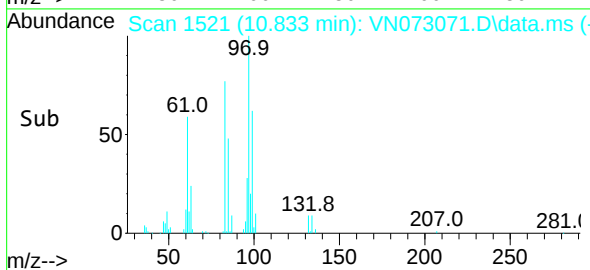
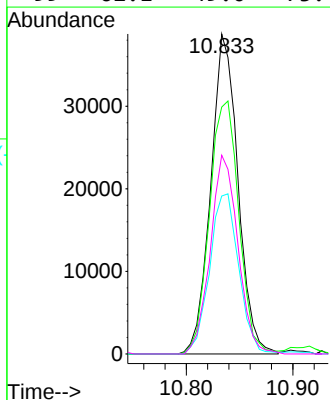
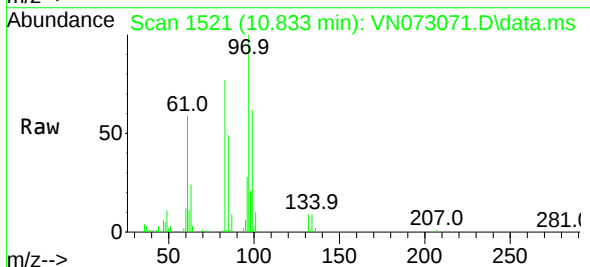
Manual Integrations
 APPROVED

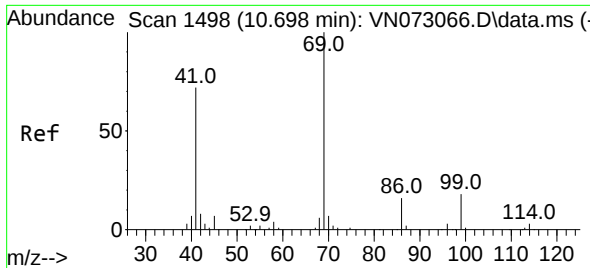
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.643 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

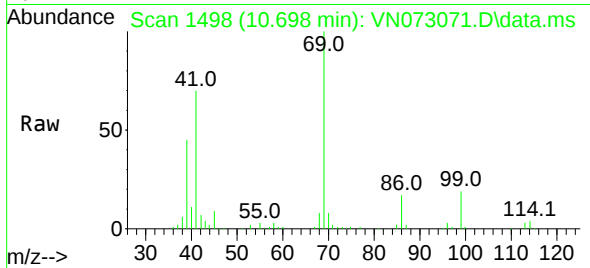
Tgt Ion: 97 Resp: 68702
 Ion Ratio Lower Upper
 97 100
 83 77.1 67.2 100.8
 85 49.3 43.0 64.4
 99 62.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.238 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

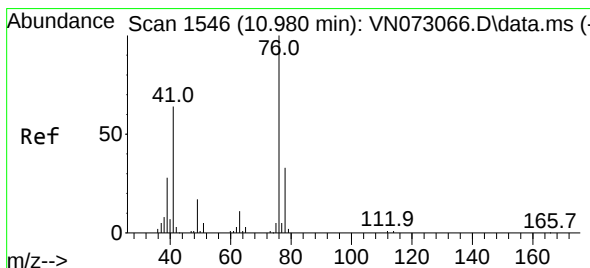
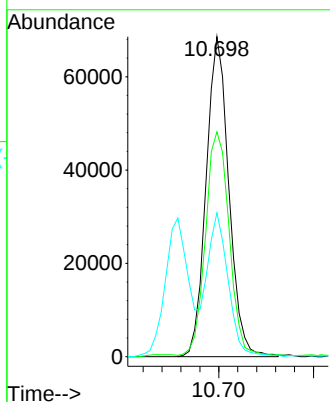
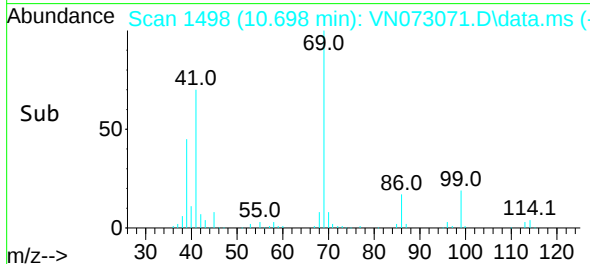
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



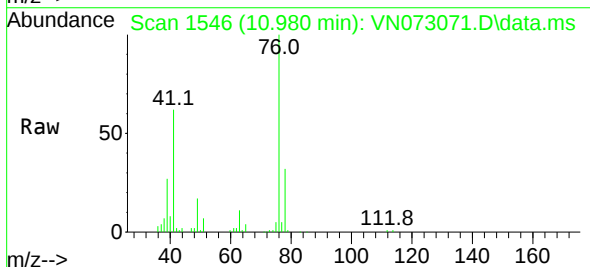
Tgt Ion: 69 Resp: 11406
Ion Ratio Lower Upper
69 100
41 69.9 33.0 98.9
39 44.5 25.4 76.4

Manual Integrations
APPROVED

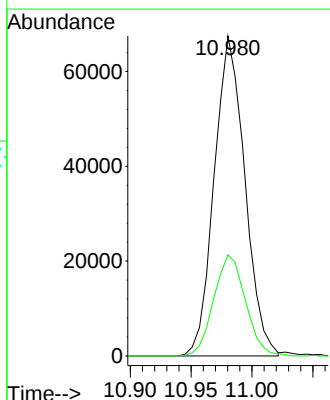
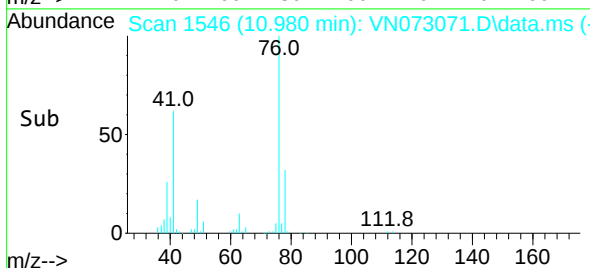
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

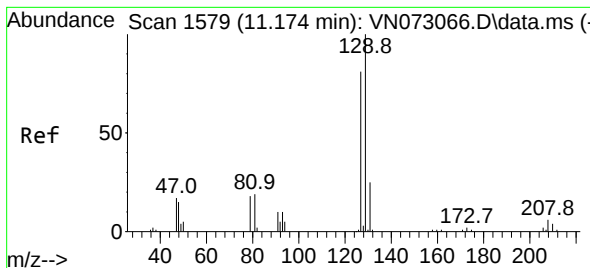


#52
1,3-Dichloropropane
Concen: 20.651 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



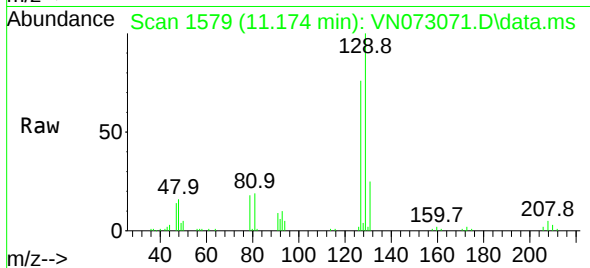
Tgt Ion: 76 Resp: 118217
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 19.816 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

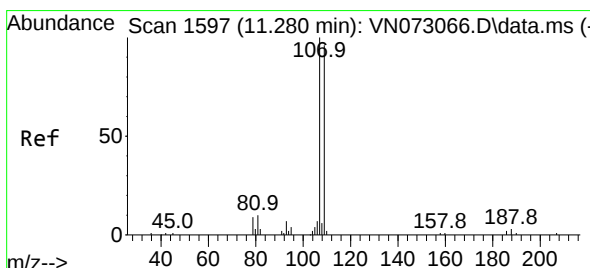
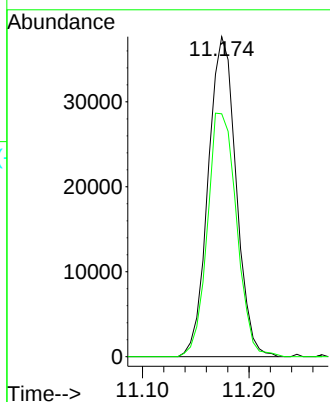
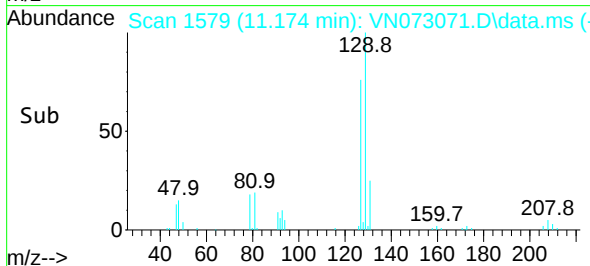
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



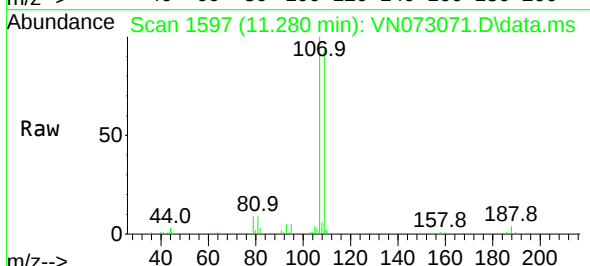
Tgt Ion:129 Resp: 6856
Ion Ratio Lower Upper
129 100
127 79.5 39.0 117.0

Manual Integrations
APPROVED

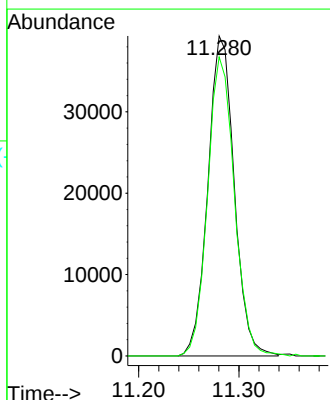
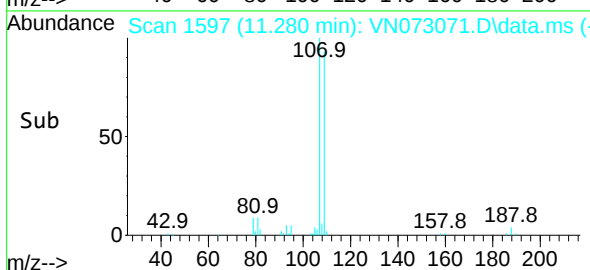
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

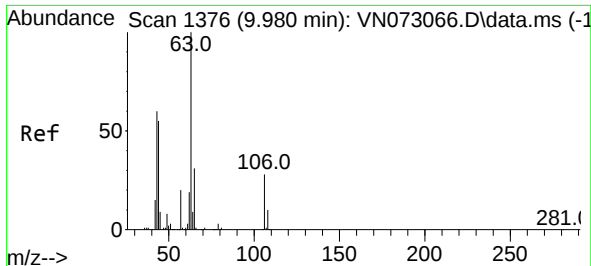


#54
1,2-Dibromoethane
Concen: 20.545 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion:107 Resp: 71819
Ion Ratio Lower Upper
107 100
109 94.8 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 102.993 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN073071.D

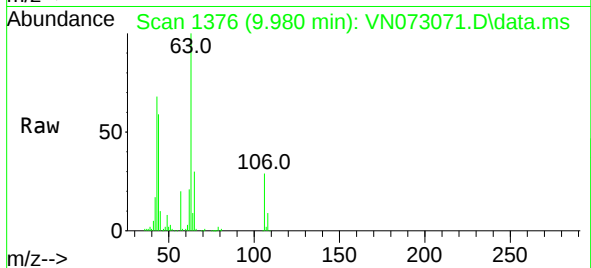
Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322



Tgt Ion: 63 Resp: 24795

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.0

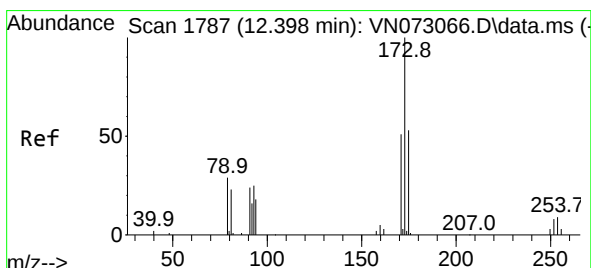
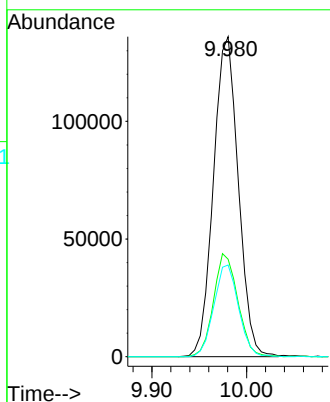
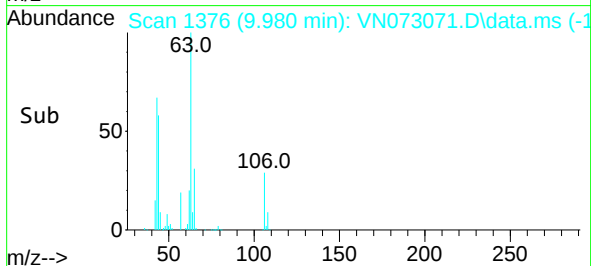
106 28.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Bromoform

Concen: 19.274 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

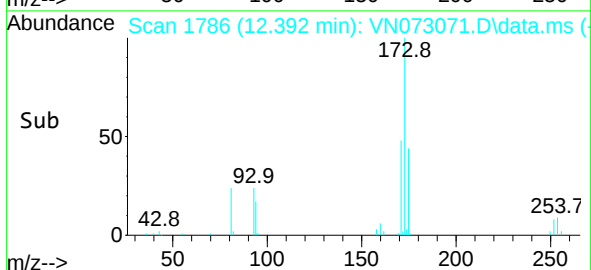
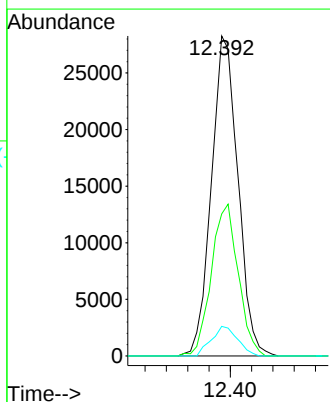
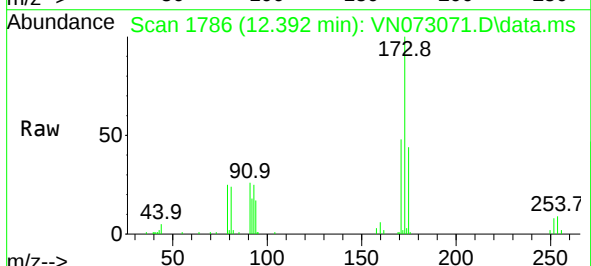
Tgt Ion:173 Resp: 48853

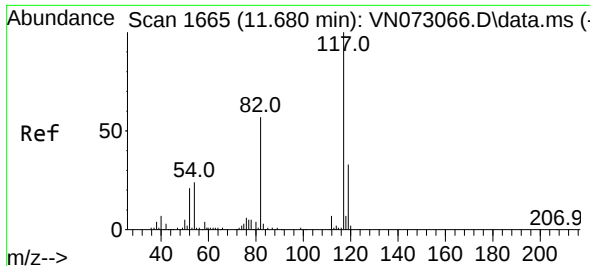
Ion Ratio Lower Upper

173 100

175 48.1 38.6 58.0

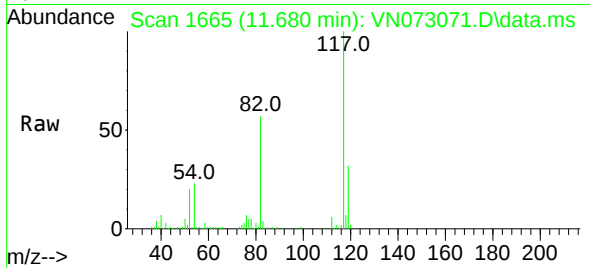
254 9.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

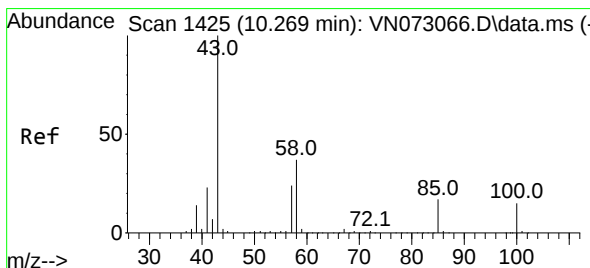
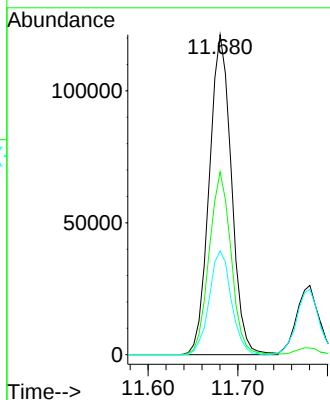
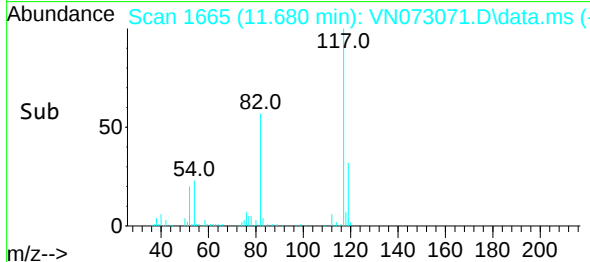
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion: 117 Resp: 208209
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 32.4 25.8 38.6

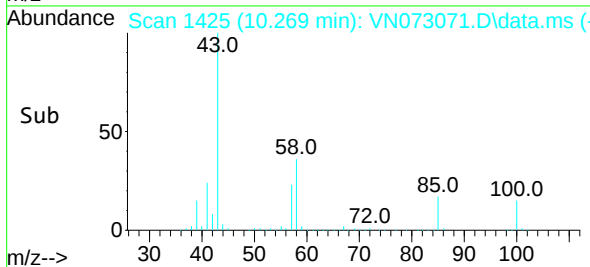
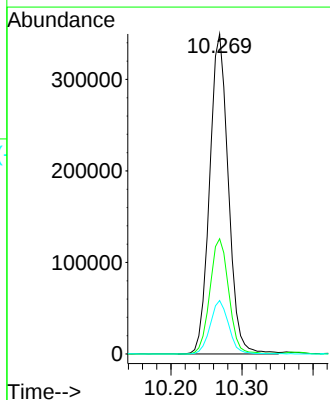
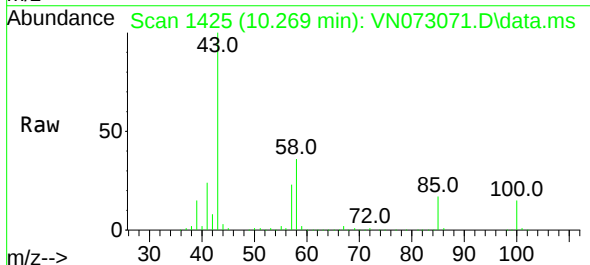
Manual Integrations
APPROVED

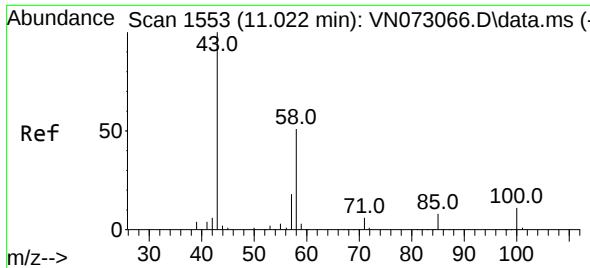
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 105.487 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

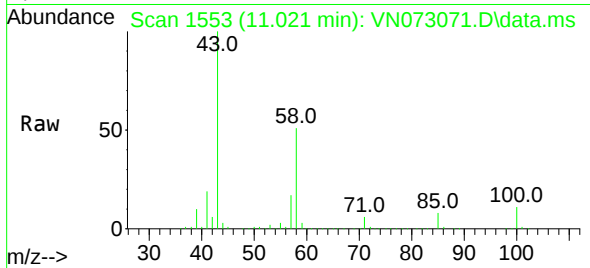
Tgt Ion: 43 Resp: 638818
Ion Ratio Lower Upper
43 100
58 36.3 30.0 45.0
85 16.4 15.0 22.6





#59
2-Hexanone
Concen: 105.163 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

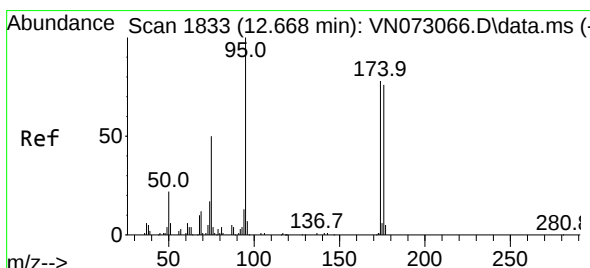
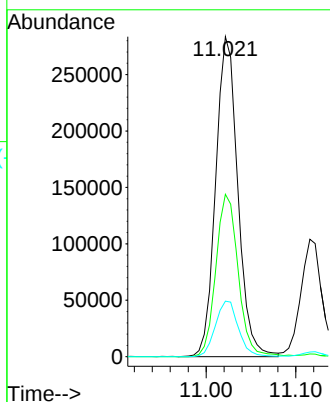
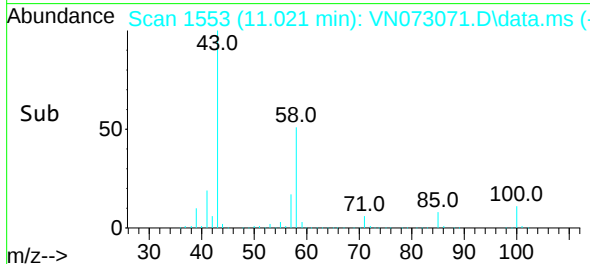
Instrument : MSVOA_N
ClientSampleId : ICVVN062322



Tgt Ion: 43 Resp: 48644
Ion Ratio Lower Upper
43 100
58 50.9 42.2 63.2
57 18.1 15.0 22.4

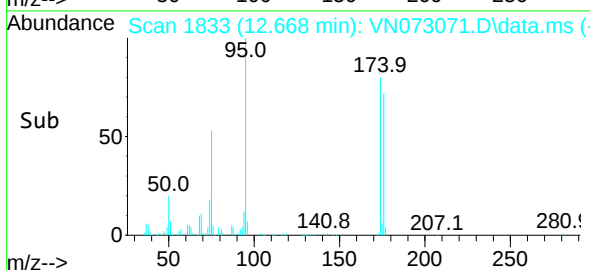
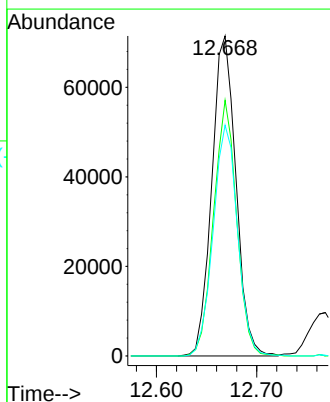
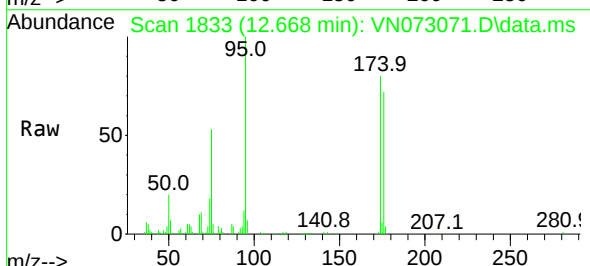
Manual Integrations
APPROVED

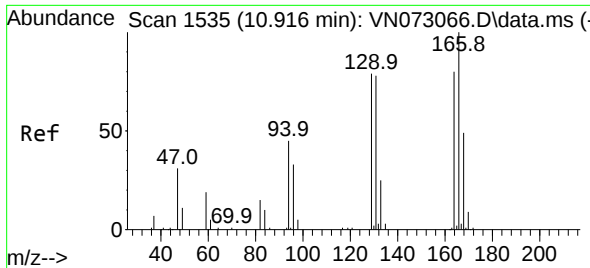
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
4-Bromofluorobenzene
Concen: 29.957 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

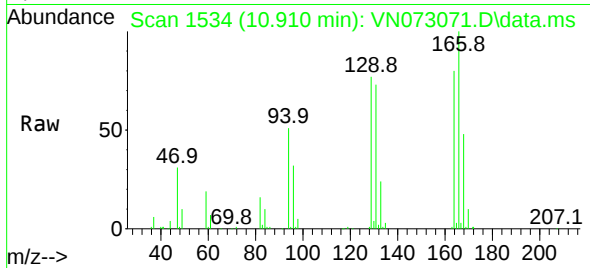
Tgt Ion: 95 Resp: 119333
Ion Ratio Lower Upper
95 100
174 76.2 62.9 94.3
176 72.7 61.0 91.4





#61
Tetrachloroethene
Concen: 20.970 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

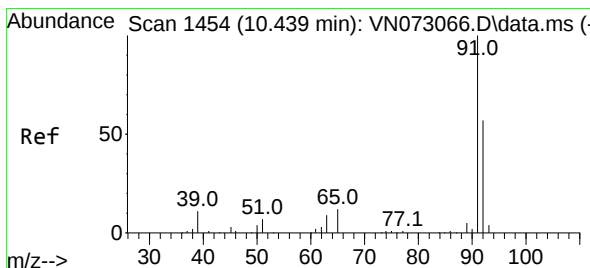
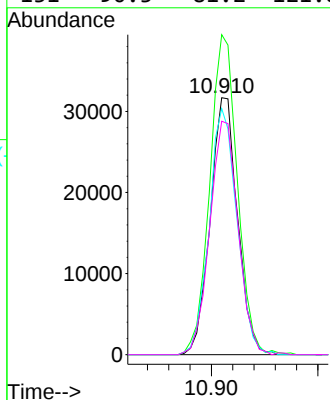
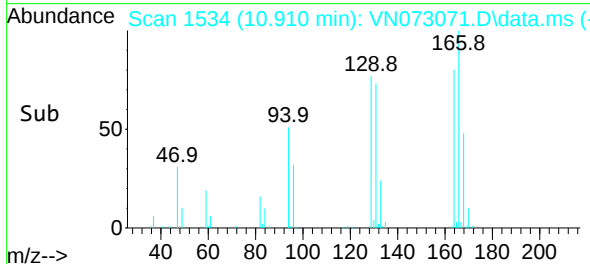
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



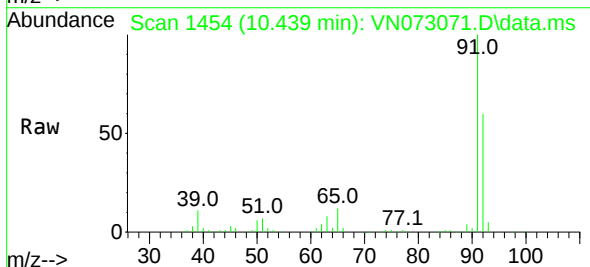
Tgt Ion:164 Resp: 5645
Ion Ratio Lower Upper
164 100
166 124.5 105.8 158.8
129 95.8 82.5 123.7
131 90.3 81.2 121.8

Manual Integrations
APPROVED

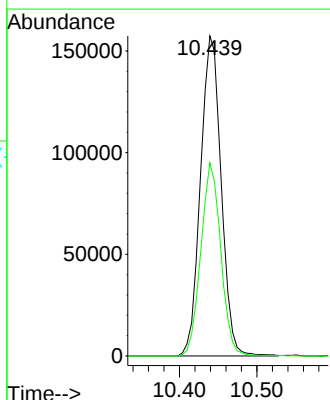
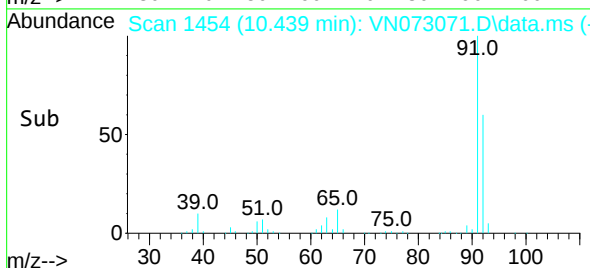
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

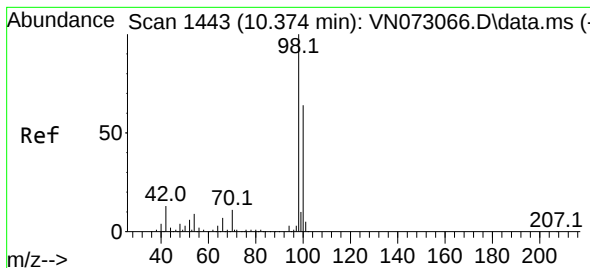


#62
Toluene
Concen: 21.077 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion: 91 Resp: 291716
Ion Ratio Lower Upper
91 100
92 58.2 44.6 67.0





#63

Toluene-d8

Concen: 30.930 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

Tgt Ion: 98 Resp: 348738

Ion Ratio Lower Upper

98 100

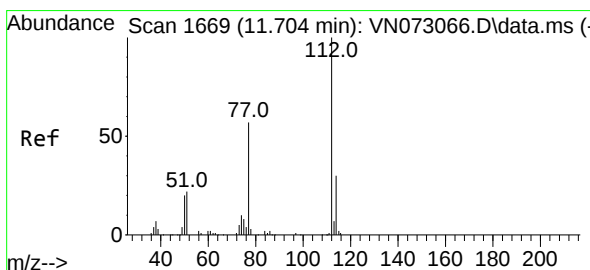
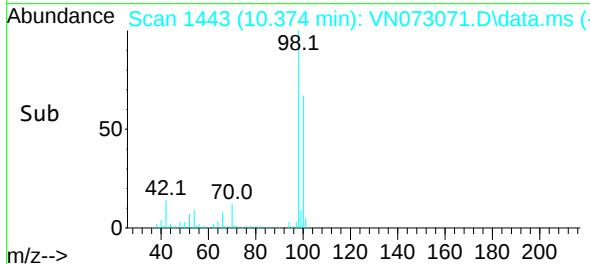
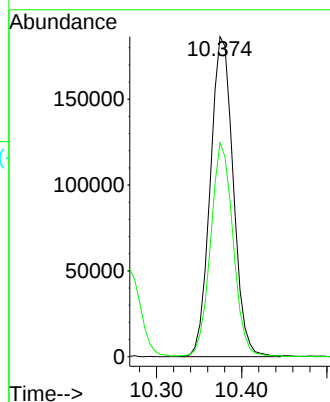
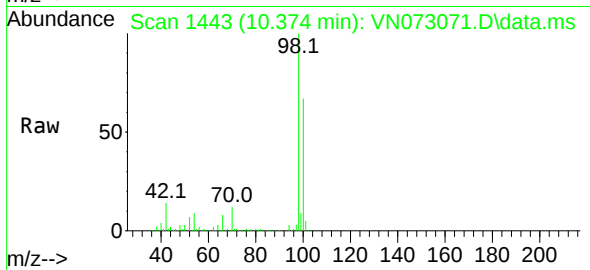
100 65.7 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#64

Chlorobenzene

Concen: 20.632 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073071.D

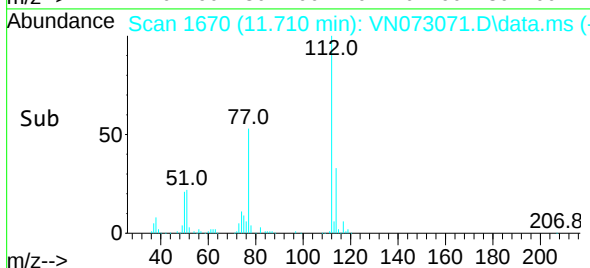
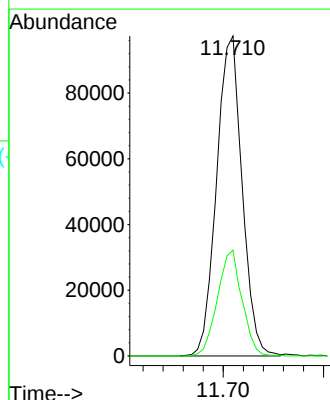
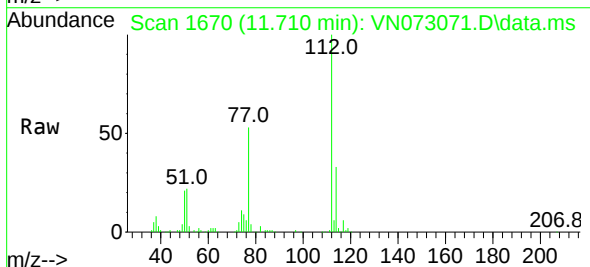
Acq: 24 Jun 2022 02:23

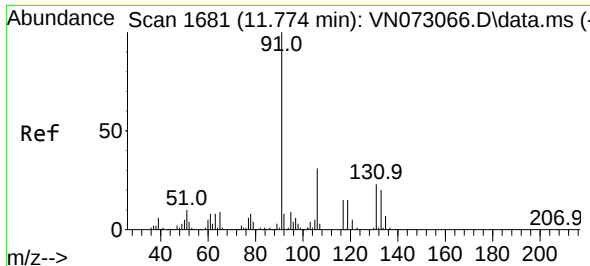
Tgt Ion:112 Resp: 171823

Ion Ratio Lower Upper

112 100

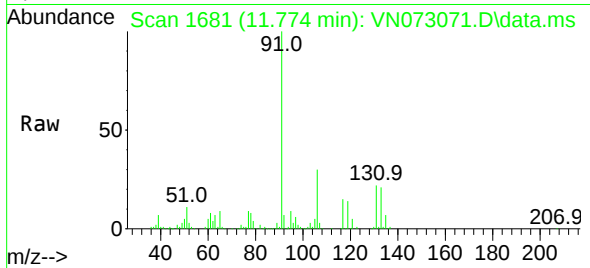
114 33.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.465 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

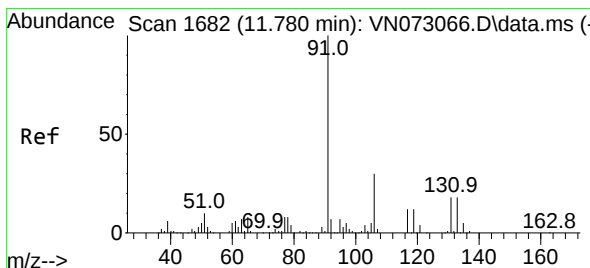
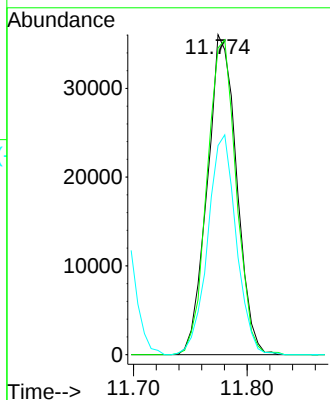
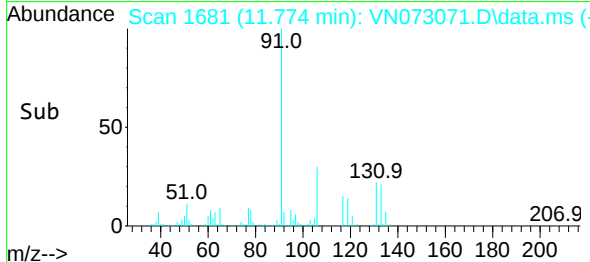
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion:131 Resp: 6474
Ion Ratio Lower Upper
131 100
133 97.2 0.0 191.2
119 66.6 0.0 128.8

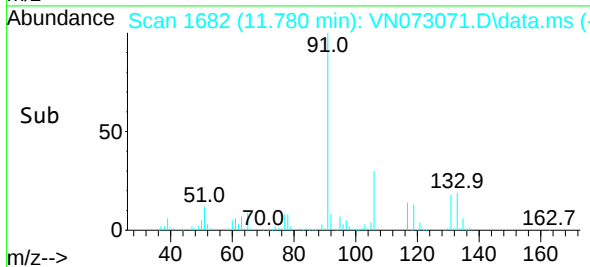
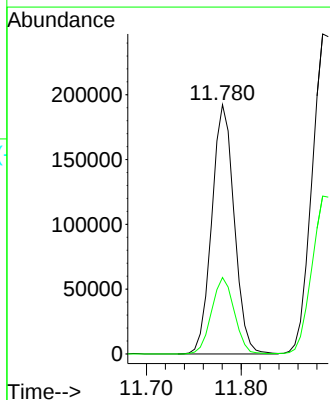
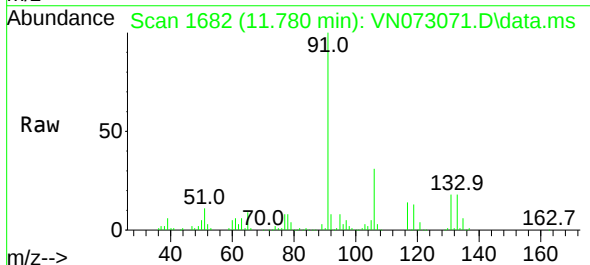
Manual Integrations
APPROVED

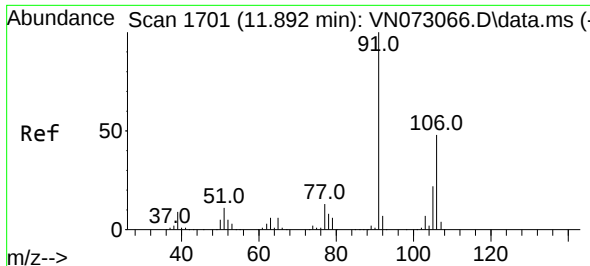
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 20.774 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Tgt Ion: 91 Resp: 316773
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0





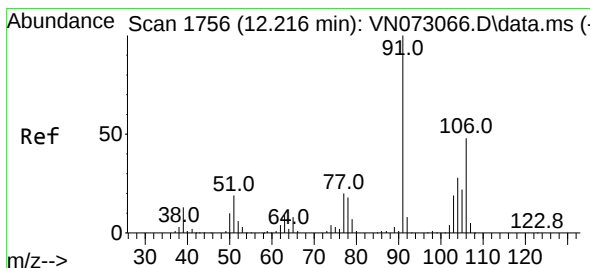
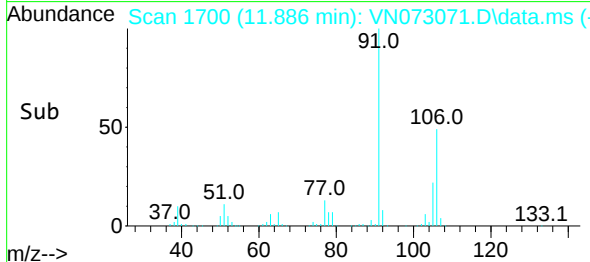
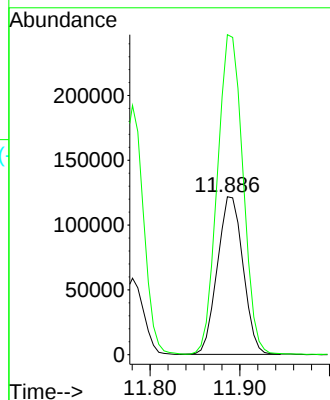
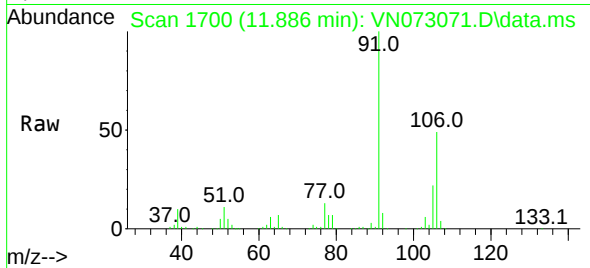
#67
m/p-Xylenes
Concen: 42.353 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322

Tgt Ion:106 Resp: 242092
Ion Ratio Lower Upper
106 100
91 202.4 162.9 244.3

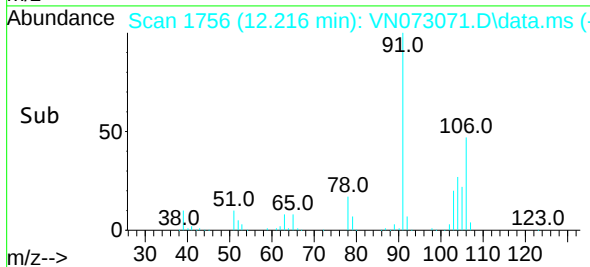
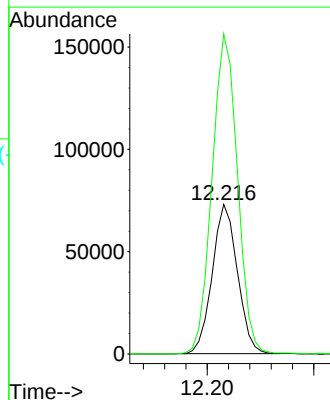
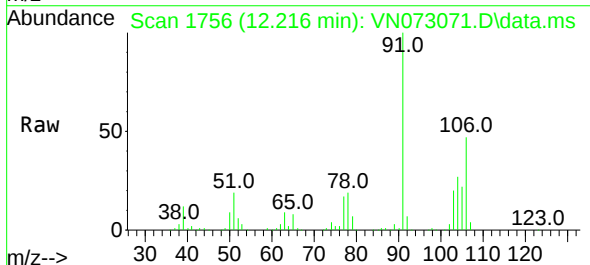
Manual Integrations
APPROVED

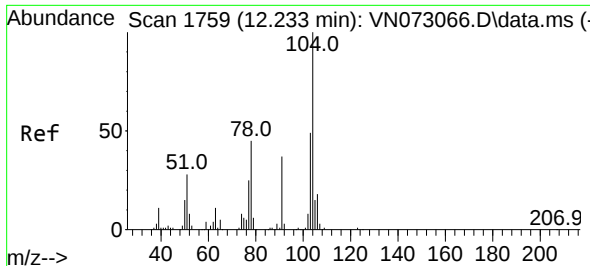
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 20.668 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

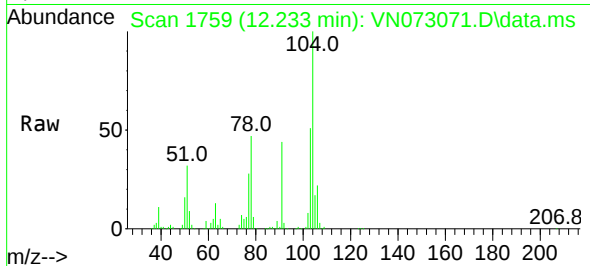
Tgt Ion:106 Resp: 119304
Ion Ratio Lower Upper
106 100
91 217.1 107.7 323.1





#69
Styrene
Concen: 20.675 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

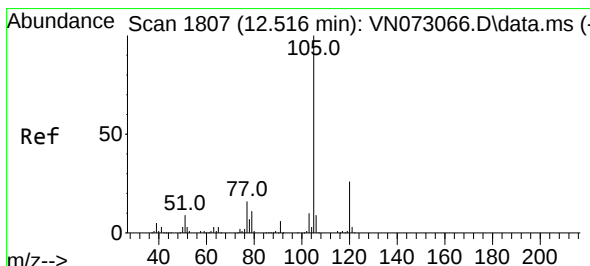
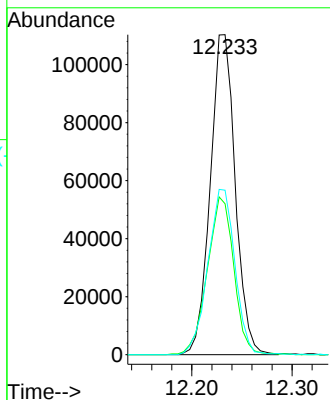
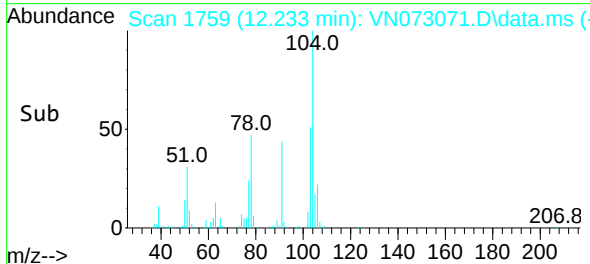
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



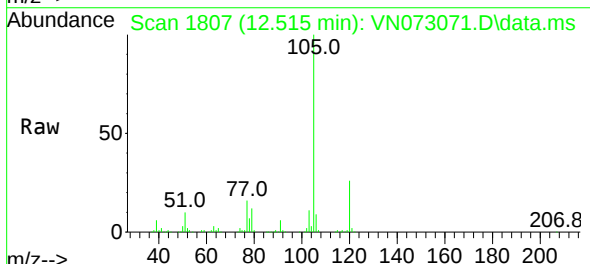
Tgt Ion:104 Resp: 191034
Ion Ratio Lower Upper
104 100
78 52.1 40.7 61.1
103 55.7 45.8 68.8

Manual Integrations
APPROVED

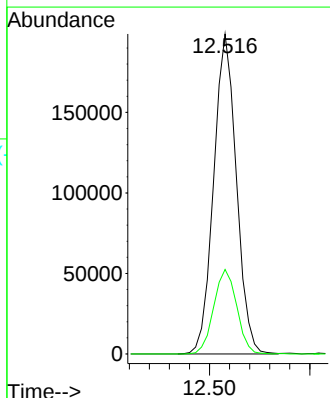
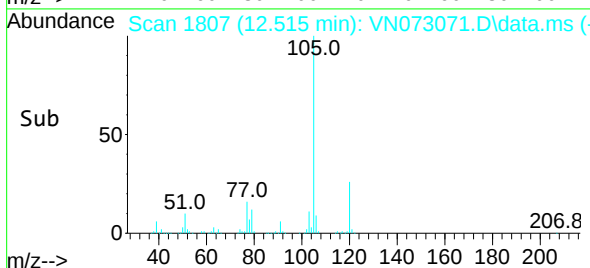
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

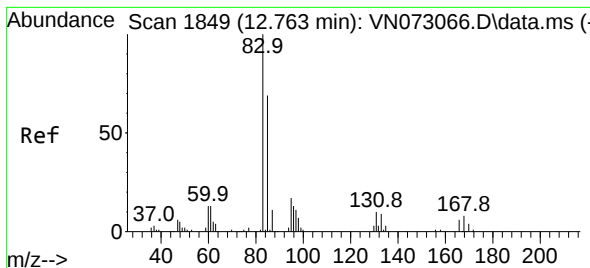


#70
Isopropylbenzene
Concen: 21.114 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



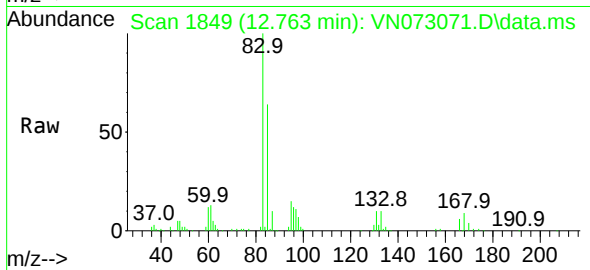
Tgt Ion:105 Resp: 311893
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.607 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

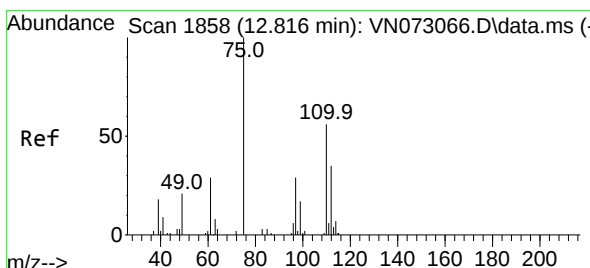
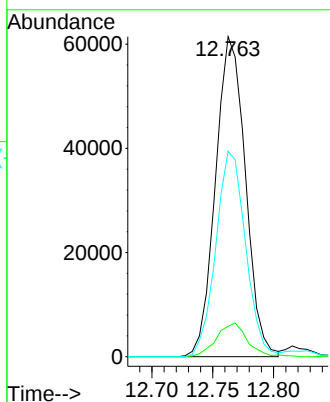
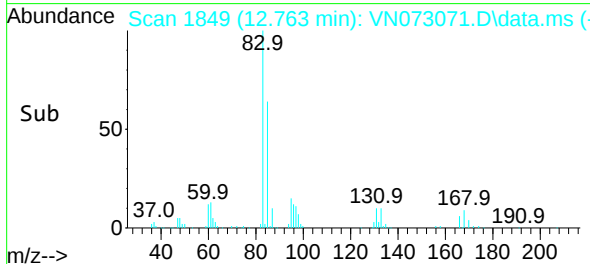
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



Tgt Ion: 83 Resp: 105090
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.9 33.1 99.2

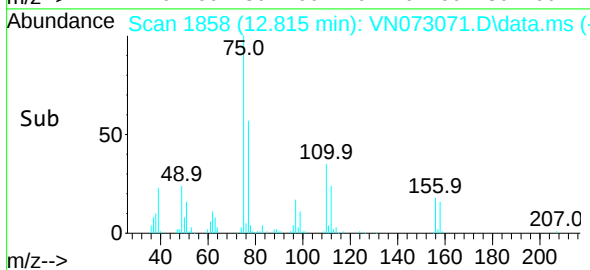
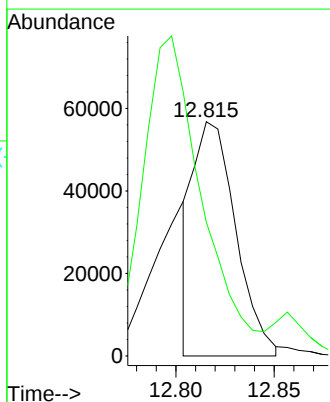
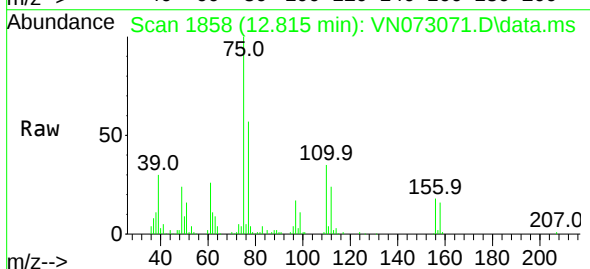
Manual Integrations
APPROVED

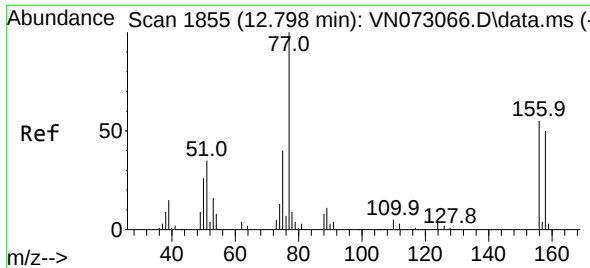
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 21.733 ug/l m
RT: 12.815 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

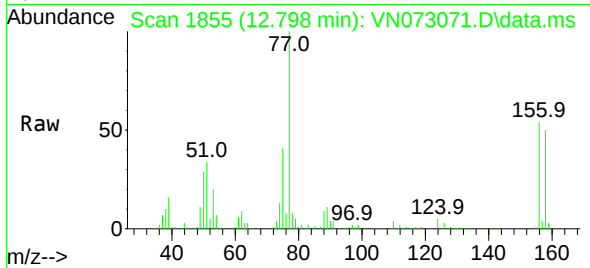
Tgt Ion: 75 Resp: 84990
Ion Ratio Lower Upper
75 100
77 191.2 0.0 378.0





#73
Bromobenzene
Concen: 20.902 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

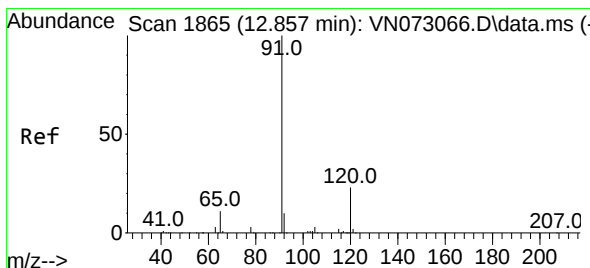
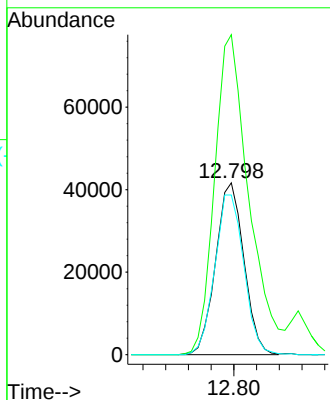
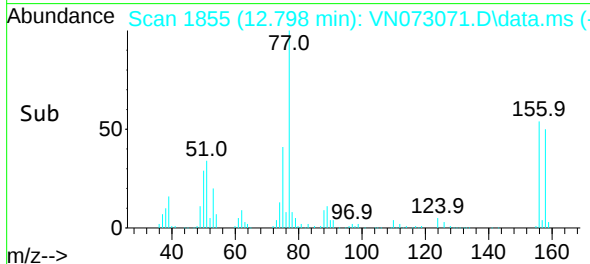
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



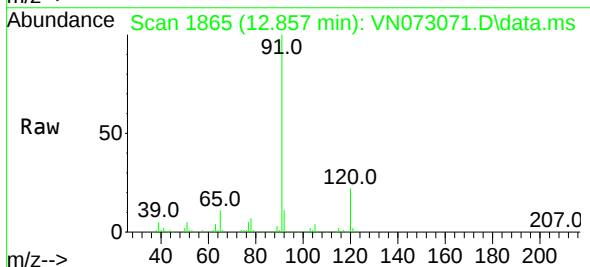
Tgt Ion:156 Resp: 72000
Ion Ratio Lower Upper
156 100
77 225.7 0.0 416.0
158 95.8 0.0 195.4

Manual Integrations
APPROVED

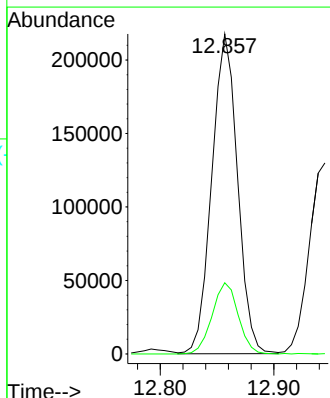
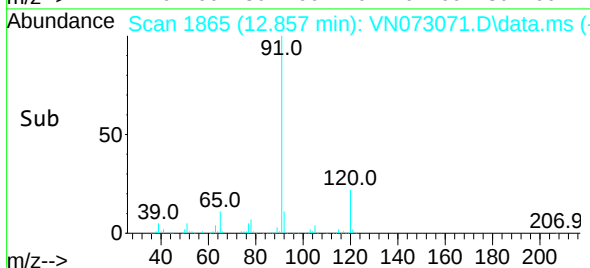
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

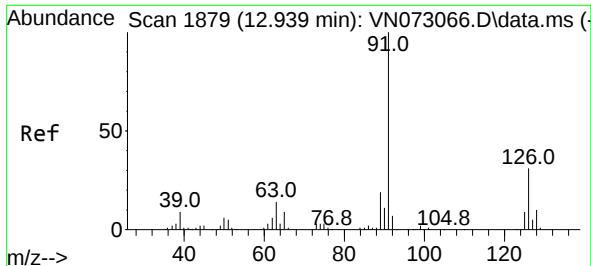


#74
n-propylbenzene
Concen: 20.473 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion: 91 Resp: 342658
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0





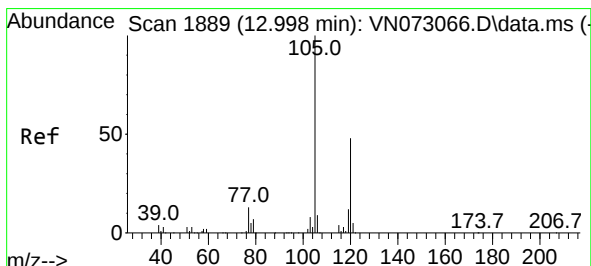
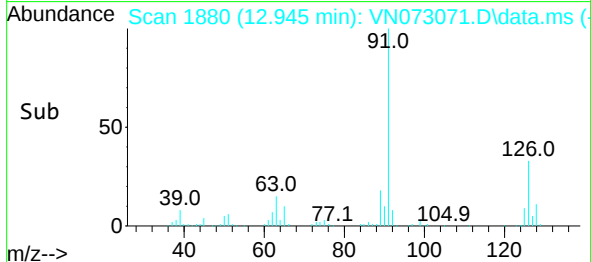
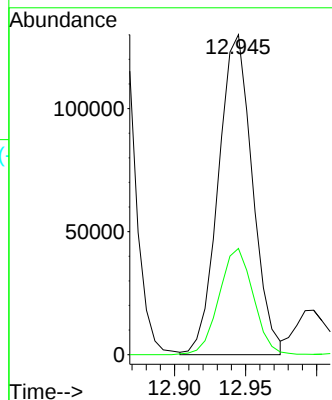
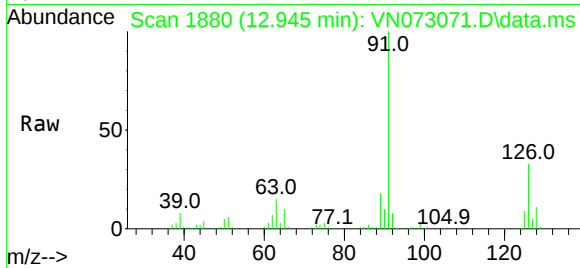
#75
2-Chlorotoluene
Concen: 20.749 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322

Tgt Ion: 91 Resp: 217174
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

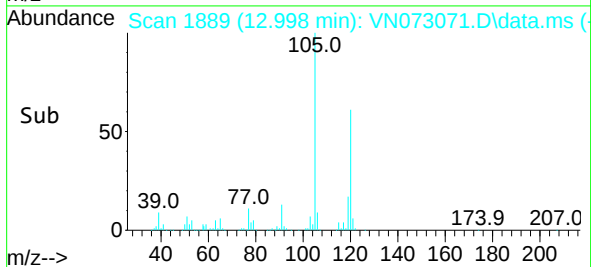
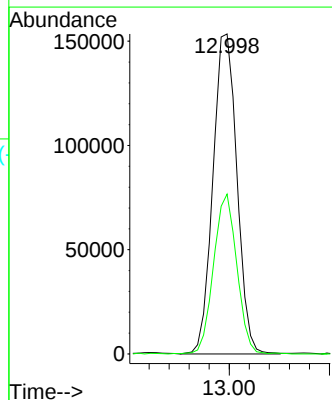
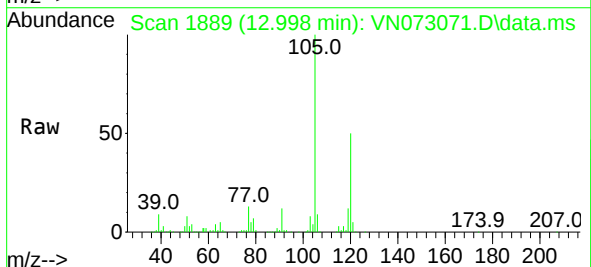
Manual Integrations
APPROVED

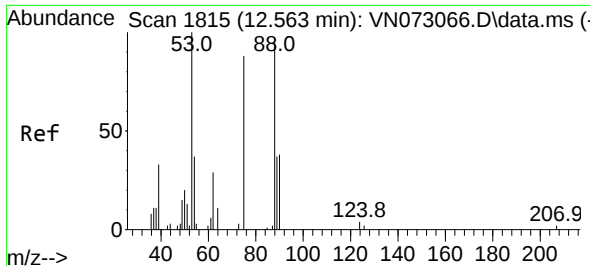
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.761 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

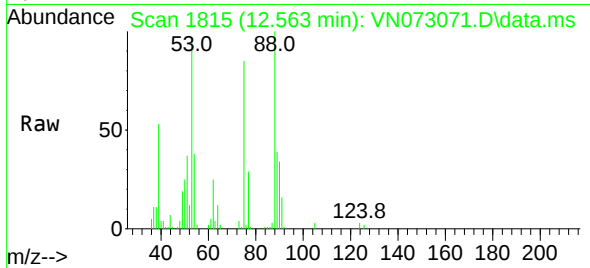
Tgt Ion:105 Resp: 254895
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.769 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

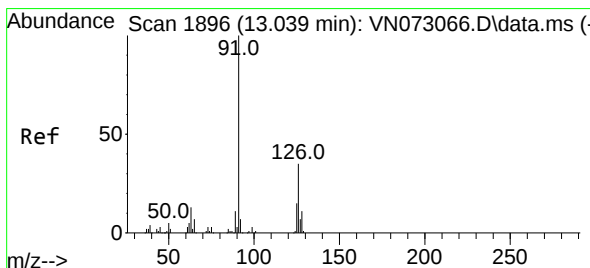
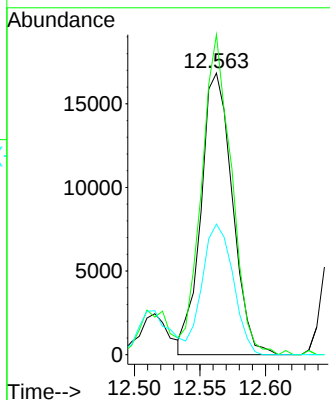
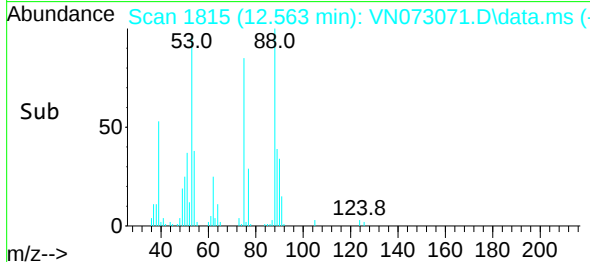
Instrument : MSVOA_N
ClientSampleId : ICVVN062322



Tgt Ion: 75 Resp: 28084
Ion Ratio Lower Upper
75 100
53 113.6 51.8 155.5
89 46.3 22.9 68.7

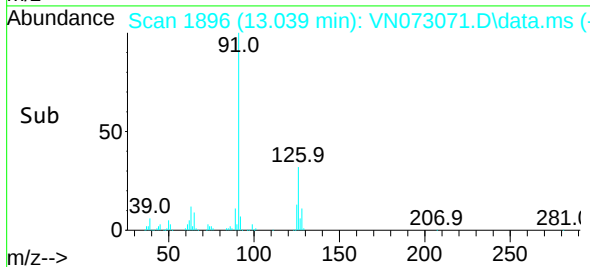
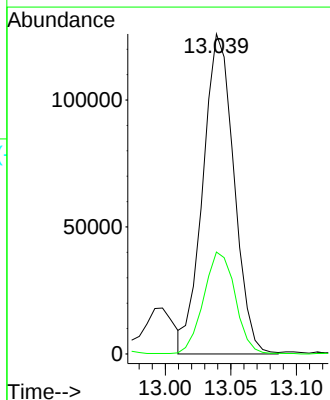
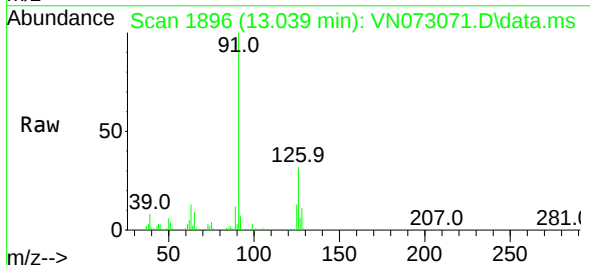
Manual Integrations
APPROVED

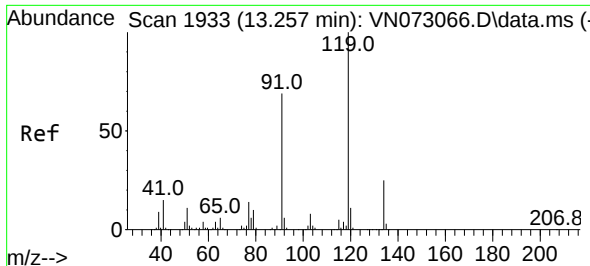
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78
4-Chlorotoluene
Concen: 20.618 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

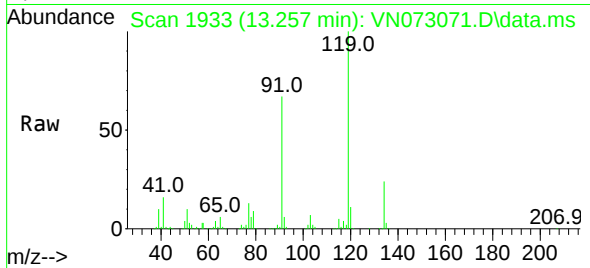
Tgt Ion: 91 Resp: 207617
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6





#79
tert-butylbenzene
Concen: 21.164 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

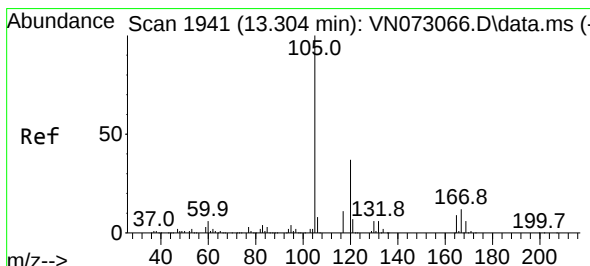
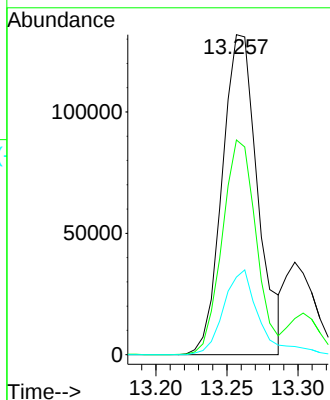
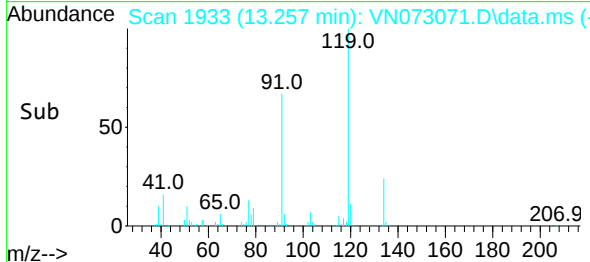
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



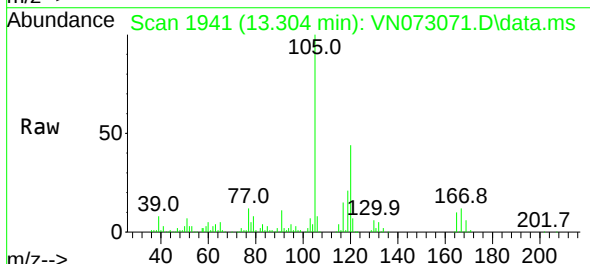
Tgt Ion:119 Resp: 229725
Ion Ratio Lower Upper
119 100
91 64.3 0.0 137.0
134 26.5 0.0 47.6

Manual Integrations
APPROVED

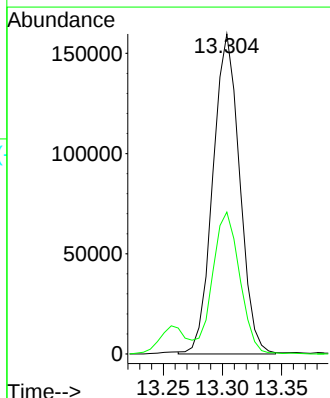
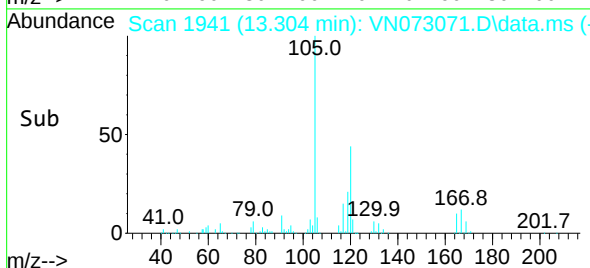
Reviewed By :John Carlone 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

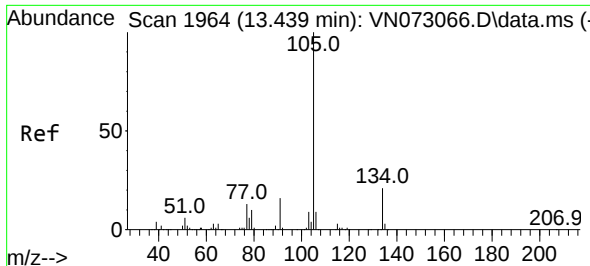


#80
1,2,4-Trimethylbenzene
Concen: 20.826 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



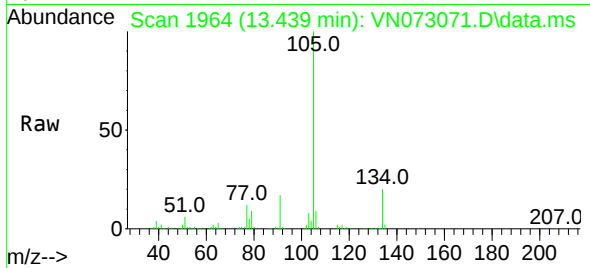
Tgt Ion:105 Resp: 250855
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.420 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

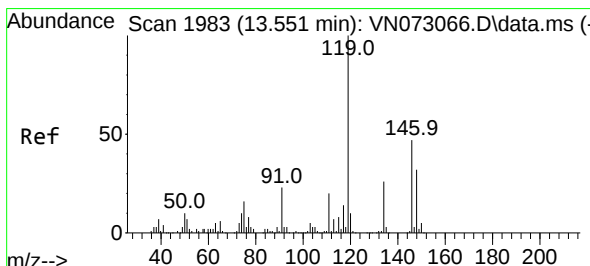
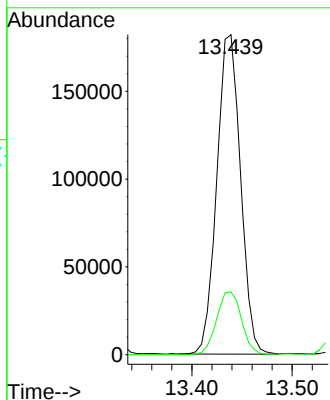
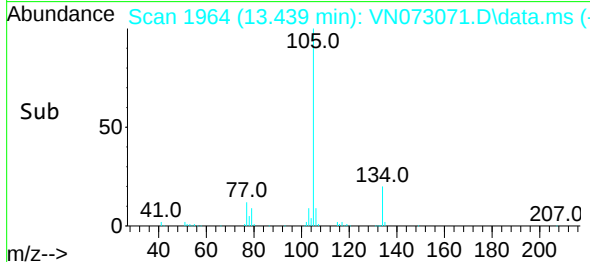
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062322



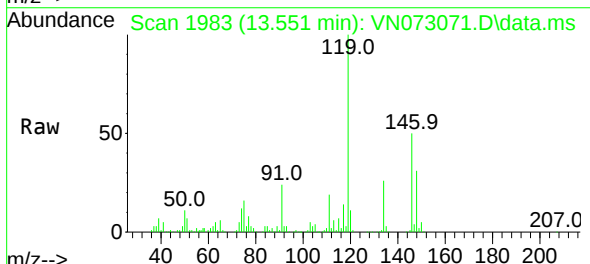
Tgt Ion:105 Resp: 298764
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4

Manual Integrations
 APPROVED

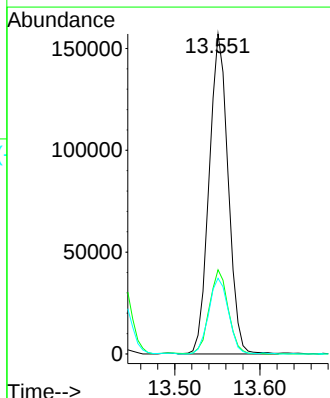
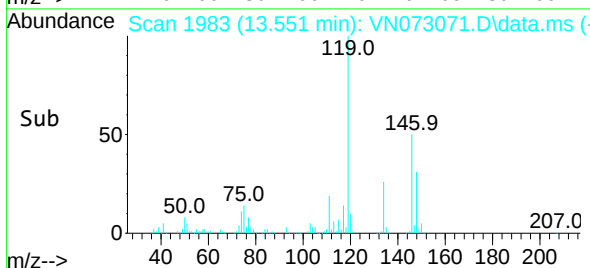
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

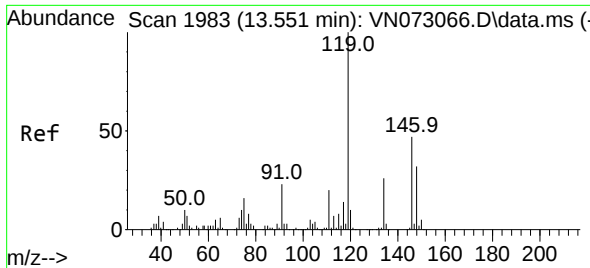


#82
 p-Isopropyltoluene
 Concen: 20.599 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23



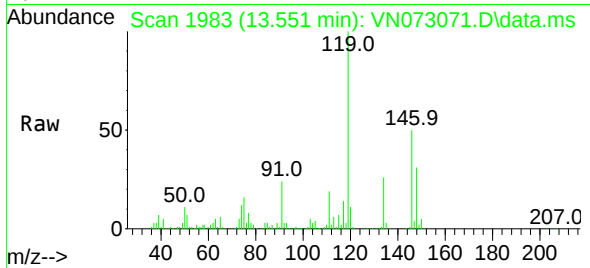
Tgt Ion:119 Resp: 244776
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.5 0.0 50.4





#83
 1,3-Dichlorobenzene
 Concen: 21.125 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23

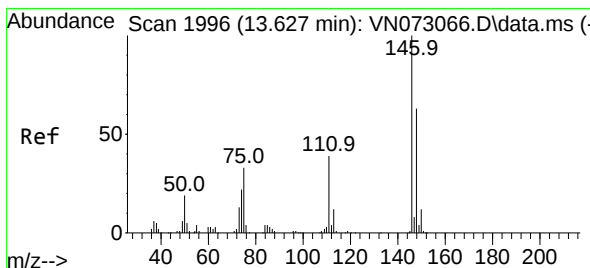
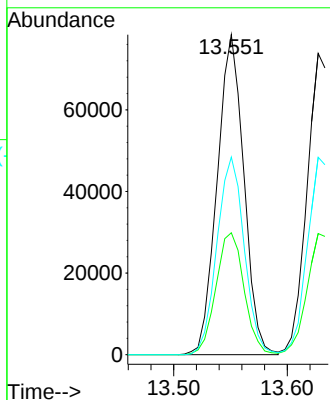
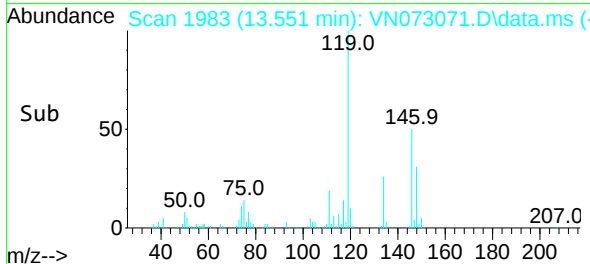
Instrument : MSVOA_N
 ClientSampleId : ICVVN062322



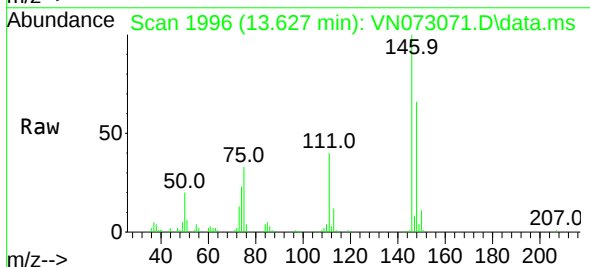
Tgt Ion:146 Resp: 128099
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.2
 148 63.2 31.4 94.3

Manual Integrations
 APPROVED

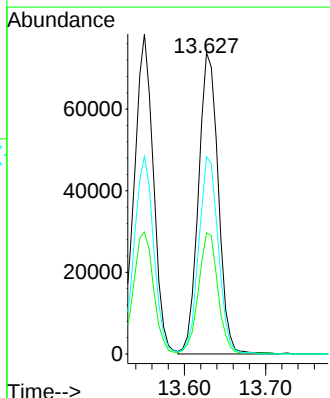
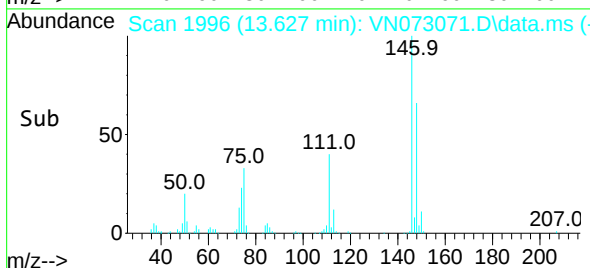
Reviewed By :John Carlone 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

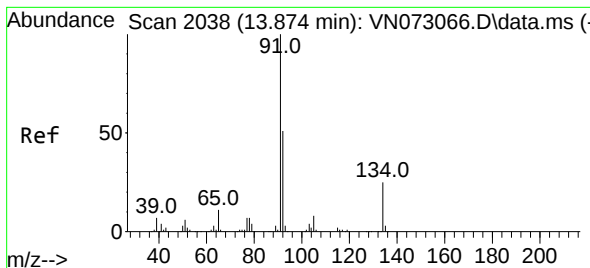


#84
 1,4-Dichlorobenzene
 Concen: 20.647 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN073071.D
 Acq: 24 Jun 2022 02:23



Tgt Ion:146 Resp: 125117
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 64.5 31.1 93.5





#85

n-Butylbenzene

Concen: 19.673 ug/l

RT: 13.880 min Scan# 2038

Delta R.T. 0.006 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

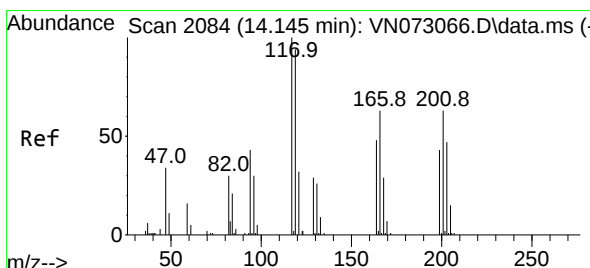
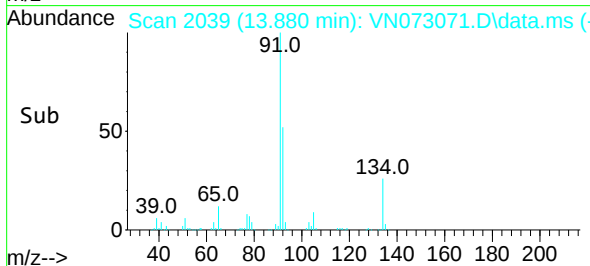
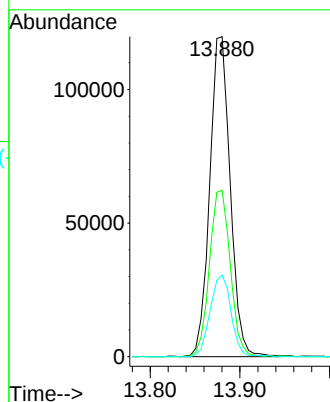
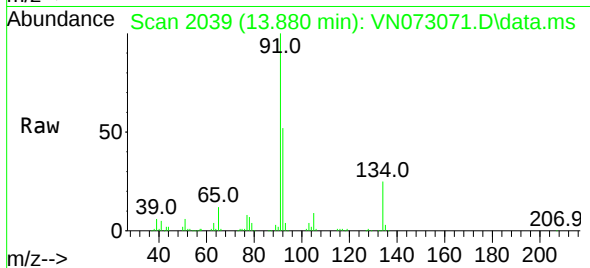
Tgt Ion: 91	Resp: 19023
Ion Ratio	Lower Upper
91 100	
92 52.8	0.0 100.6
134 25.7	0.0 50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#86

Hexachloroethane

Concen: 20.178 ug/l

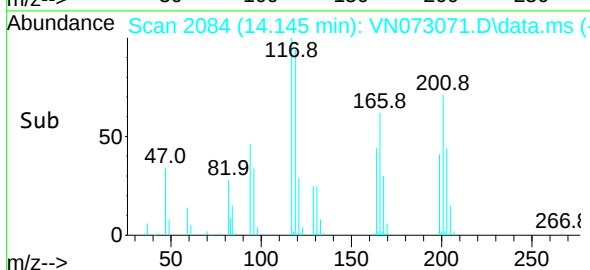
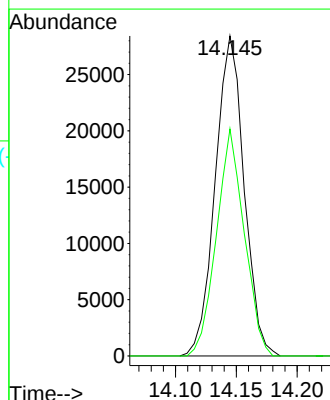
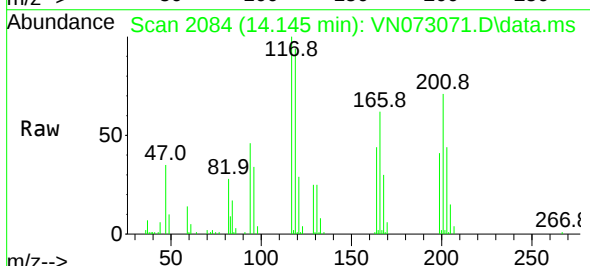
RT: 14.145 min Scan# 2084

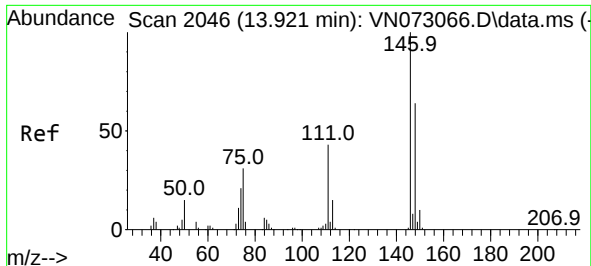
Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Tgt Ion:117	Resp: 46945
Ion Ratio	Lower Upper
117 100	
201 68.3	33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 20.897 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. -0.000 min

Lab File: VN073071.D

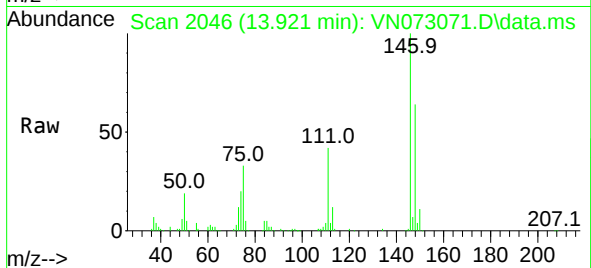
Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322



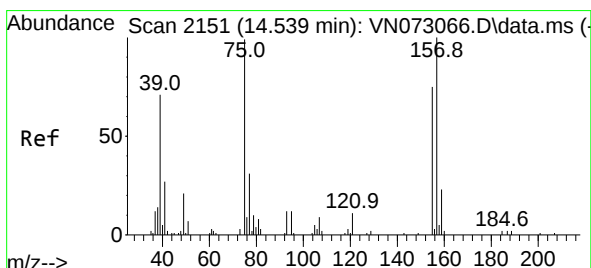
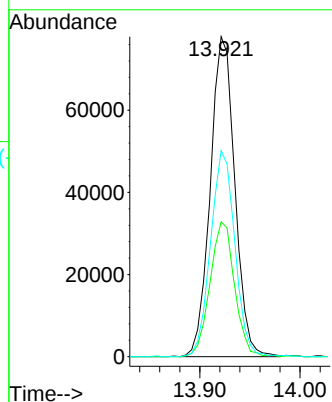
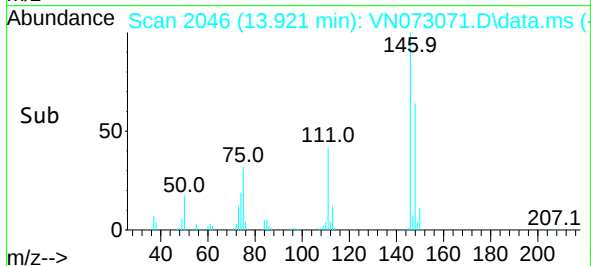
Tgt Ion:	146	Resp:	13258
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.4	64.2
148	64.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.256 ug/l

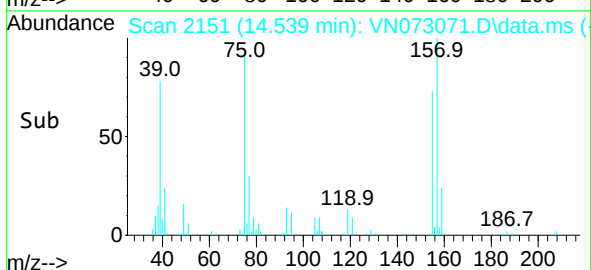
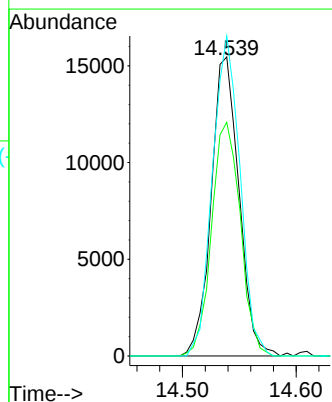
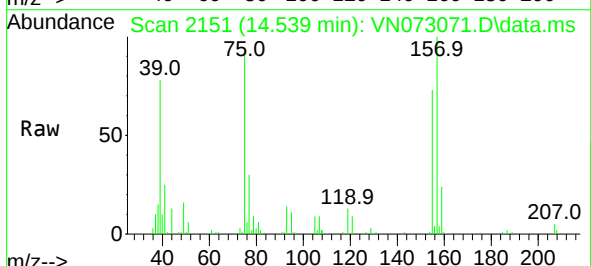
RT: 14.539 min Scan# 2151

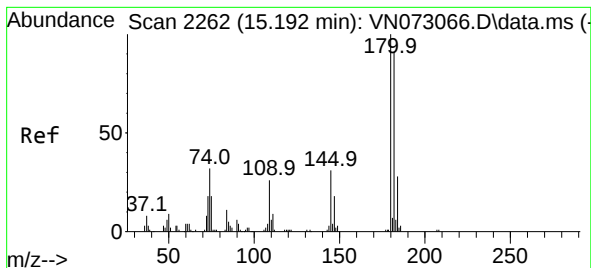
Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Tgt Ion:	75	Resp:	26321
Ion Ratio	Lower	Upper	
75	100		
155	80.6	63.8	95.8
157	105.8	77.9	116.9





#89

1,2,4-Trichlorobenzene

Concen: 19.963 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN062322

Tgt Ion:180 Resp: 66549

Ion Ratio Lower Upper

180 100

182 94.1 77.7 116.5

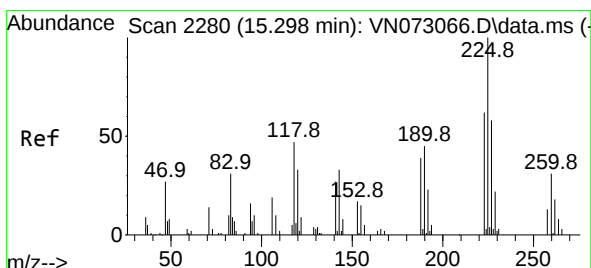
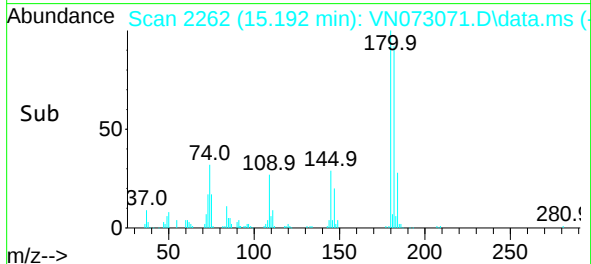
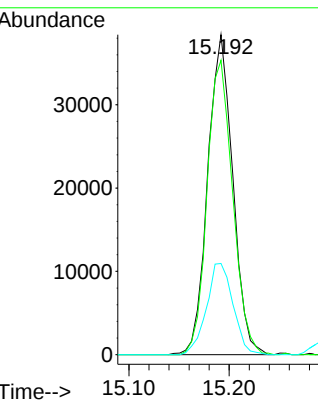
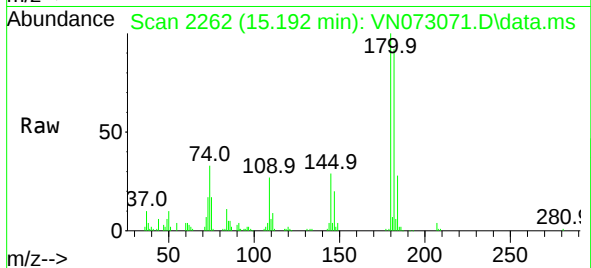
145 30.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#90

Hexachlorobutadiene

Concen: 21.150 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073071.D

Acq: 24 Jun 2022 02:23

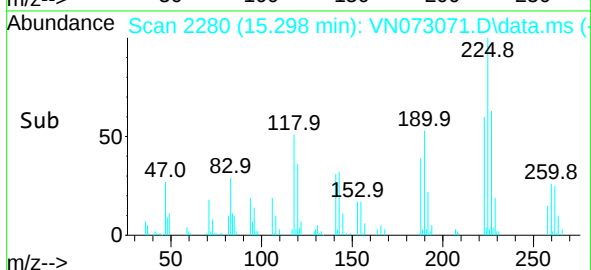
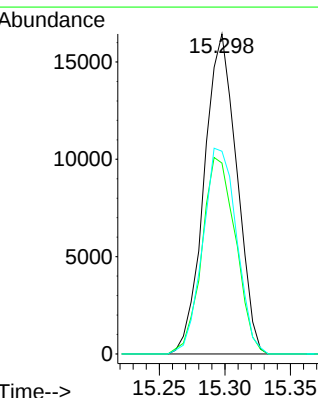
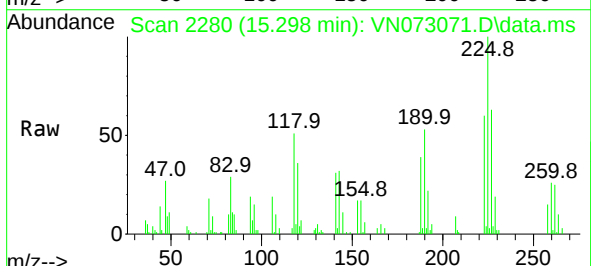
Tgt Ion:225 Resp: 28425

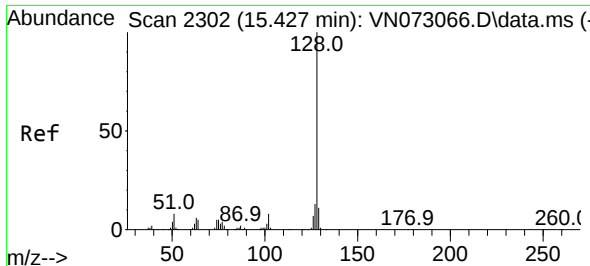
Ion Ratio Lower Upper

225 100

223 63.3 0.0 126.8

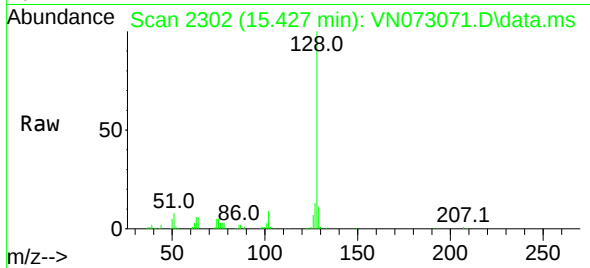
227 66.8 0.0 123.0





#91
Naphthalene
Concen: 21.124 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23

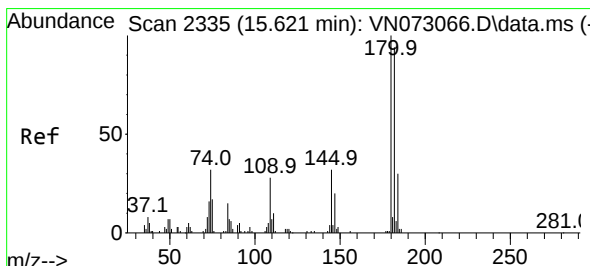
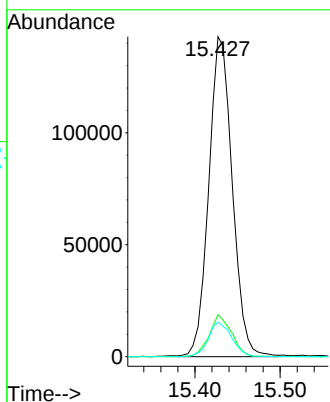
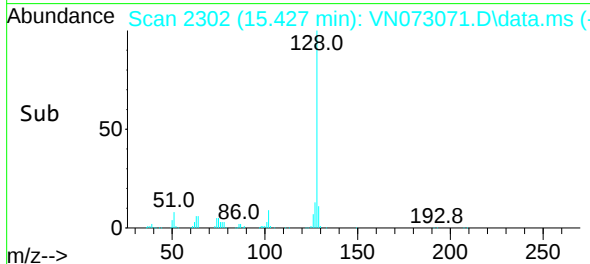
Instrument :
MSVOA_N
ClientSampleId :
ICVVN062322



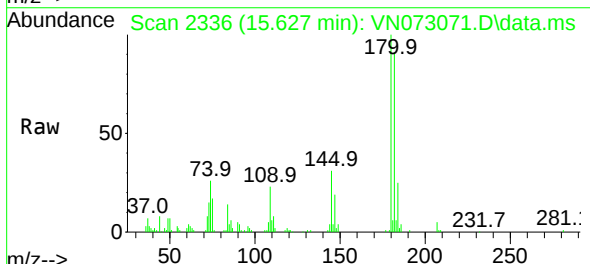
Tgt Ion:128 Resp: 274783
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.556 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073071.D
Acq: 24 Jun 2022 02:23



Tgt Ion:180 Resp: 69721
Ion Ratio Lower Upper
180 100
182 96.6 0.0 190.0
145 32.7 0.0 67.8

