

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073603.D
 Acq On : 27 Jul 2022 13:07
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 13:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:25:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Bromochloromethane	7.587	128	67734	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	372461	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.687	117	362970	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	168244	26.245	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.467%#		
60) 4-Bromofluorobenzene	12.669	95	198615	28.916	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.400%		
63) Toluene-d8	10.381	98	583563	29.311	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	649414	126.634	ug/l	99
3) Chloromethane	2.264	50	797829	149.901	ug/l	97
4) Vinyl Chloride	2.405	62	1002889	196.550	ug/l	99
5) Bromomethane	2.775	94	274047	137.126	ug/l	100
6) Chloroethane	2.934	64	657102	202.999	ug/l	98
7) Trichlorofluoromethane	3.299	101	1027620	127.558	ug/l	99
8) Diethyl Ether	3.758	74	425522	131.049	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.128	101	615583m	136.349	ug/l	
10) 1,1-Dichloroethene	4.105	96	616798	135.616	ug/l	98
11) Methyl Iodide	4.346	142	823604	181.745	ug/l	90
12) Methyl Acetate	4.769	43	1018803	110.620	ug/l	98
13) Acrolein	3.975	56	959795	932.398	ug/l	96
14) Acrylonitrile	5.475	53	2395273	659.947	ug/l	99
15) Acetone	4.216	58	633801	639.033	ug/l	90
16) Carbon Disulfide	4.452	76	1706315	140.269	ug/l	99
17) Allyl chloride	4.758	41	1021019	120.191	ug/l	88
18) Methylene Chloride	5.010	84	736865	133.974	ug/l	98
19) trans-1,2-Dichloroethene	5.510	96	680927	140.218	ug/l	98
20) Diisopropyl ether	6.410	45	2186685	121.605	ug/l	95
21) 1,1-Dichloroethane	6.299	63	1264951	131.453	ug/l	98
22) cis-1,2-Dichloroethene	7.246	96	831864	144.192	ug/l	94
23) tert-Butyl Alcohol	5.293	59	894220	618.318	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	2221992	132.557	ug/l	92
25) Chloroform	7.746	83	1304731	134.969	ug/l	99
26) Cyclohexane	8.022	56	1118696	133.648	ug/l #	97
29) 1,1-Dichloropropene	8.151	75	985415	144.745	ug/l	98
30) 2-Butanone	7.257	43	3300395	645.172	ug/l	99
31) 2,2-Dichloropropane	7.246	77	997926	246.376	ug/l	98
32) 1,1,1-Trichloroethane	7.940	97	1129571	136.334	ug/l	99
33) Carbon Tetrachloride	8.134	117	984227	140.878	ug/l	97
34) Benzene	8.393	78	3075542	144.357	ug/l	96
35) Methacrylonitrile	7.563	41	458211	100.489	ug/l	96
36) 1,2-Dichloroethane	8.463	62	988829	127.536	ug/l #	95
37) Trichloroethene	9.151	130	800110	151.278	ug/l	98
38) Methylcyclohexane	9.393	83	1260171	156.369	ug/l	98
39) 1,2-Dichloropropane	9.428	63	764600	138.893	ug/l	97
40) Dibromomethane	9.510	93	531543	143.019	ug/l	87
41) Bromodichloromethane	9.698	83	1047548	140.130	ug/l	96
42) Vinyl Acetate	6.346	43	9971164	637.320	ug/l	96

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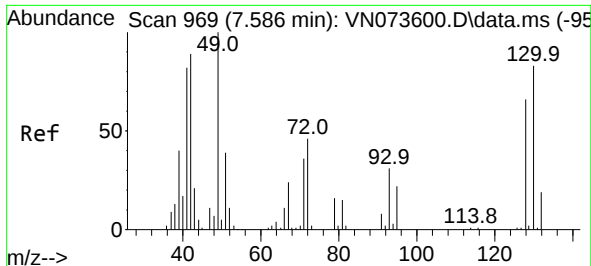
Quant Time: Jul 27 13:29:16 2022
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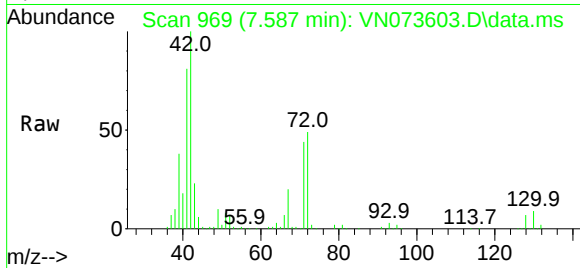
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	1234127	131.156	ug/l	96
44) Isopropyl Acetate	8.493	43	1842187	125.423	ug/l	97
45) 1,4-Dioxane	9.504	88	427987	3097.126	ug/l	97
46) Methyl methacrylate	9.498	41	835381	125.269	ug/l	85
47) n-amyl Acetate	12.328	43	1592034	135.694	ug/l	99
48) t-1,3-Dichloropropene	10.657	75	1193581	169.538	ug/l	100
49) cis-1,3-Dichloropropene	10.128	75	1276301	165.662	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	798561	148.047	ug/l	99
51) Ethyl methacrylate	10.704	69	1332932	149.924	ug/l	86
52) 1,3-Dichloropropane	10.987	76	1347650	145.272	ug/l	99
53) Dibromochloromethane	11.181	129	871047	154.954	ug/l	100
54) 1,2-Dibromoethane	11.287	107	853103	151.228	ug/l	96
55) 2-Chloroethyl vinyl ether	9.981	63	3126001	818.009	ug/l	99
56) Bromoform	12.398	173	728162	175.900	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	6556900	634.287	ug/l	94
59) 2-Hexanone	11.028	43	5071497	641.640	ug/l	92
61) Tetrachloroethene	10.916	164	771504	157.976	ug/l	91
62) Toluene	10.445	91	3466441	142.421	ug/l	98
64) Chlorobenzene	11.710	112	2160185	148.292	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.781	131	814250	147.592	ug/l	99
66) Ethyl Benzene	11.787	91	3959321	148.707	ug/l	97
67) m/p-Xylenes	11.892	106	3054525	304.620	ug/l	97
68) o-Xylene	12.222	106	1519932	151.376	ug/l	97
69) Styrene	12.234	104	2573161	158.569	ug/l	96
70) Isopropylbenzene	12.522	105	3916399	151.888	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.769	83	1255901	139.746	ug/l	99
72) 1,2,3-Trichloropropane	12.822	75	973217m	138.000	ug/l	
73) Bromobenzene	12.798	156	977552	160.874	ug/l	95
74) n-propylbenzene	12.863	91	4542932	154.089	ug/l	98
75) 2-Chlorotoluene	12.945	91	2653016	145.043	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	3244782	150.422	ug/l	94
77) t-1,4-Dichloro-2-butene	12.569	75	451921	198.670	ug/l	87
78) 4-Chlorotoluene	13.045	91	2617538	149.013	ug/l	99
79) tert-butylbenzene	13.263	119	2884722	152.972	ug/l	94
80) 1,2,4-Trimethylbenzene	13.310	105	3295722m	155.812	ug/l	
81) sec-Butylbenzene	13.439	105	4158367	161.325	ug/l	97
82) p-Isopropyltoluene	13.557	119	3549006	169.730	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	1819478	169.037	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	1775077	165.735	ug/l	97
85) n-Butylbenzene	13.880	91	3008312	176.394	ug/l	95
86) Hexachloroethane	14.151	117	628453	154.222	ug/l	78
87) 1,2-Dichlorobenzene	13.928	146	1801387	159.796	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	307926	138.743	ug/l #	73
89) 1,2,4-Trichlorobenzene	15.198	180	1141028	194.045	ug/l	97
90) Hexachlorobutadiene	15.304	225	541162	214.774	ug/l	98
91) Naphthalene	15.433	128	3754947	168.792	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	1135165	188.166	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 969
Delta R.T. 0.001 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

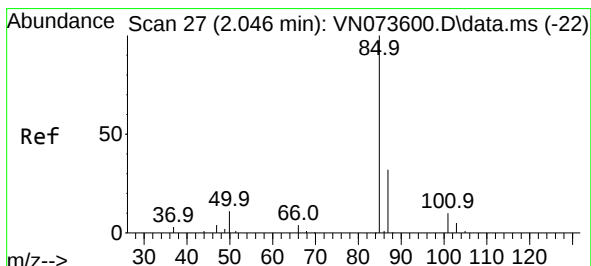
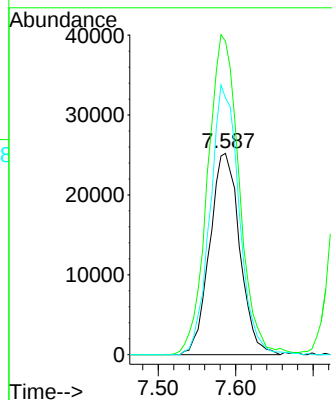
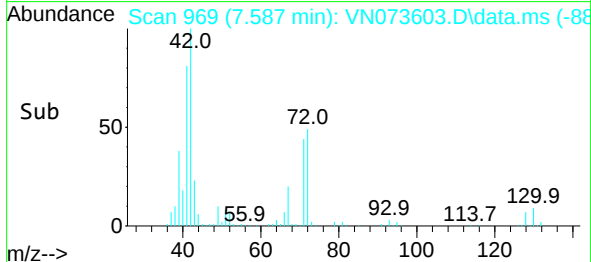
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 67734
Ion Ratio Lower Upper
128 100
49 166.8 0.0 392.3
130 129.9 0.0 320.2

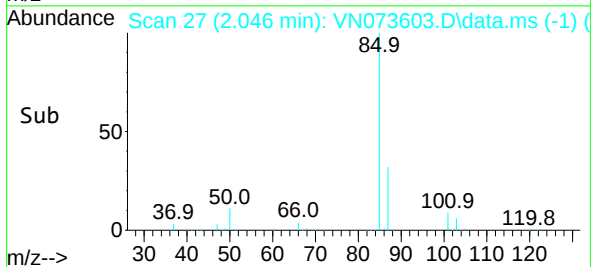
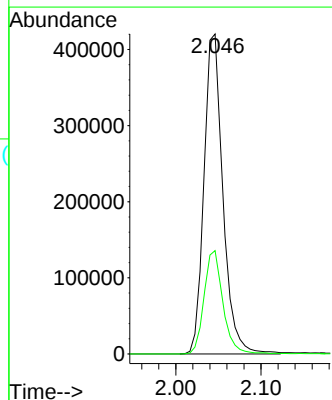
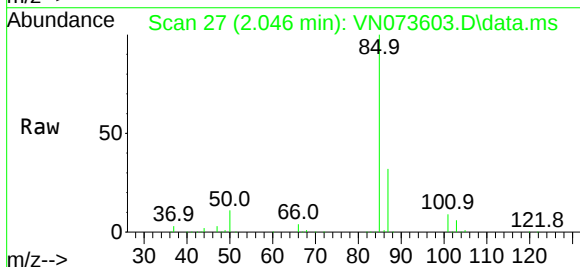
Manual Integrations
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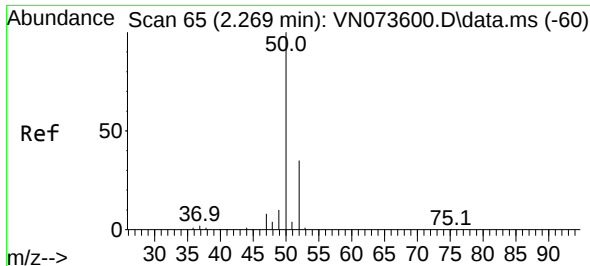
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#2
Dichlorodifluoromethane
Concen: 126.634 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

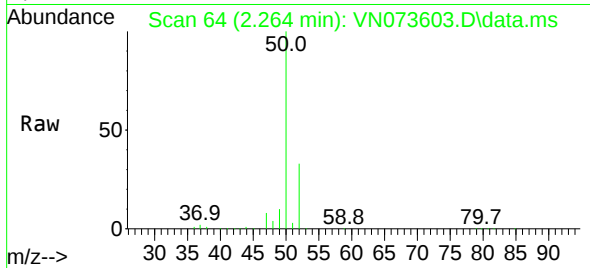
Tgt Ion: 85 Resp: 649414
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7





#3
Chloromethane
Concen: 149.901 ug/l
RT: 2.264 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

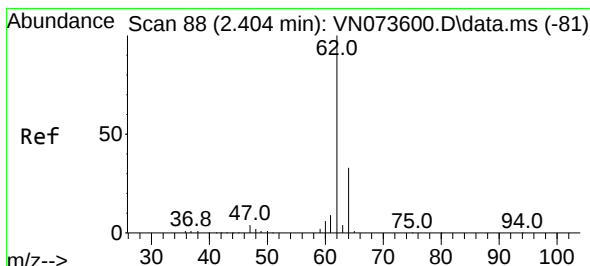
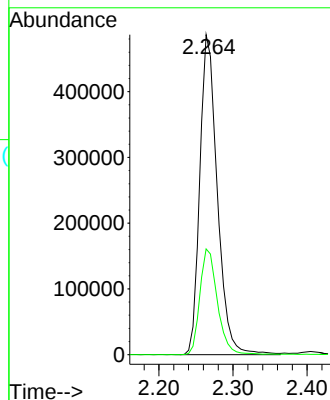
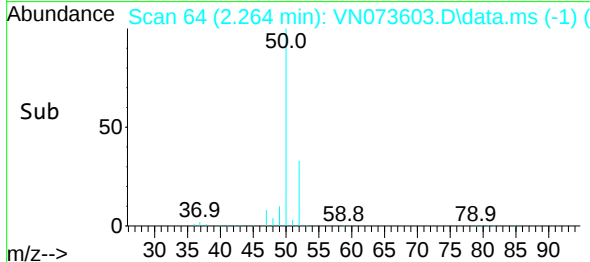
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 797829
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6

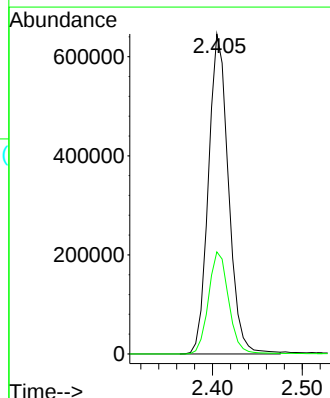
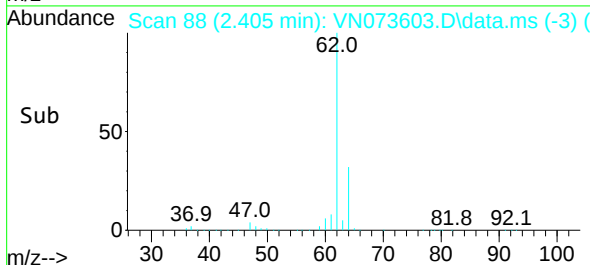
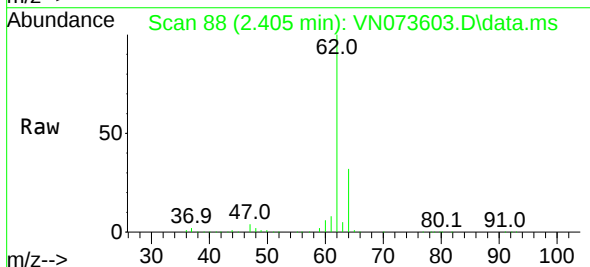
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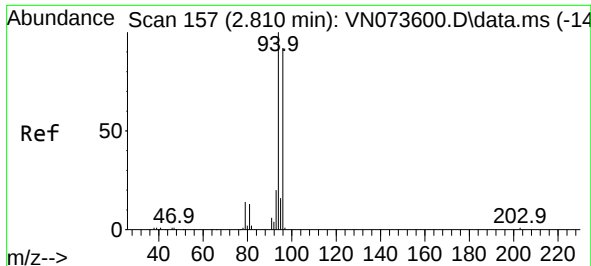
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#4
Vinyl Chloride
Concen: 196.550 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

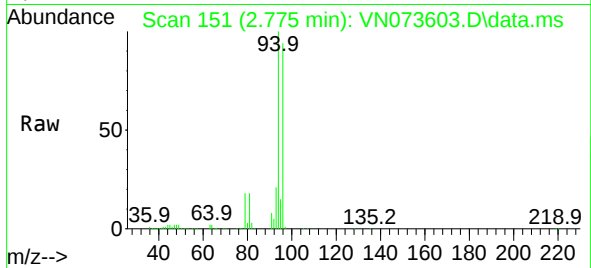
Tgt Ion: 62 Resp: 1002889
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5
Bromomethane
Concen: 137.126 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

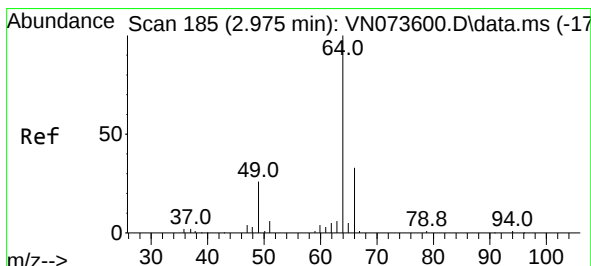
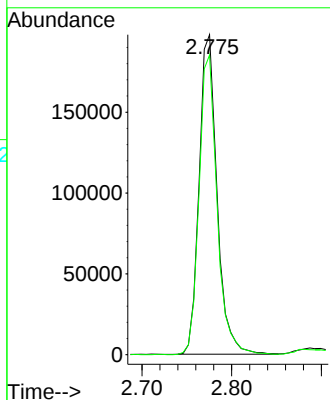
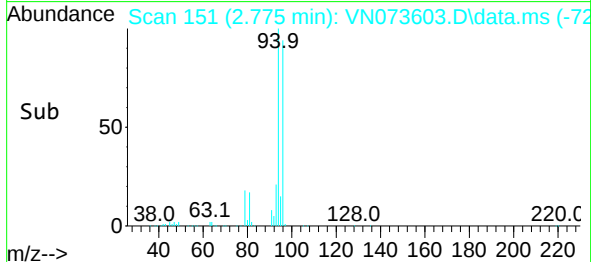
Instrument :
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Tgt Ion: 94 Resp: 27404
Ion Ratio Lower Upper
94 100
96 93.7 75.2 112.8

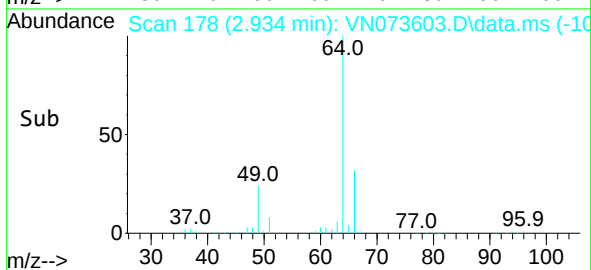
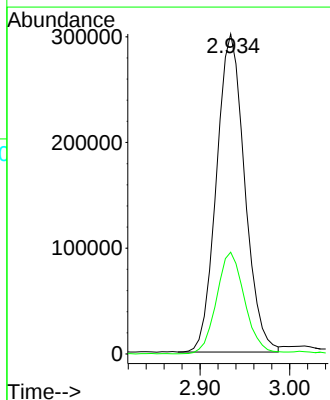
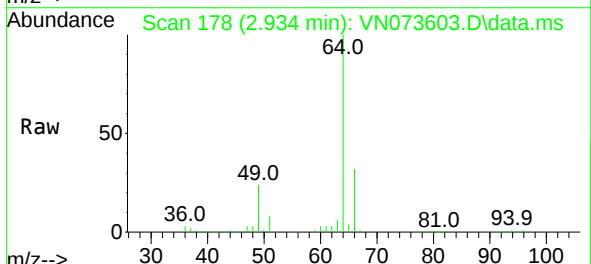
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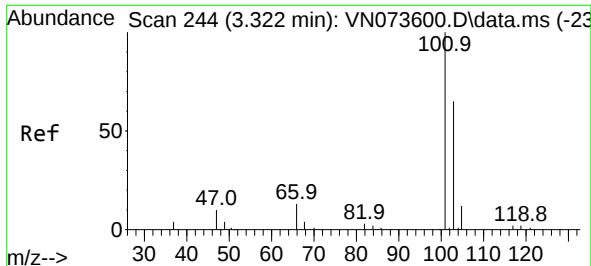
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#6
Chloroethane
Concen: 202.999 ug/l
RT: 2.934 min Scan# 178
Delta R.T. -0.041 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

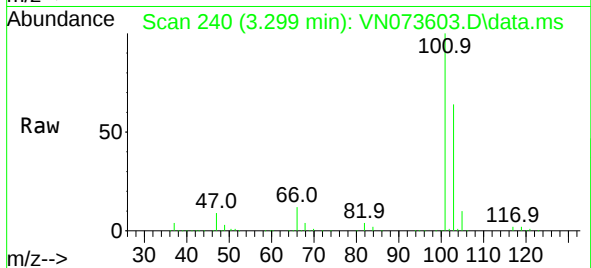
Tgt Ion: 64 Resp: 657102
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 127.558 ug/l
 RT: 3.299 min Scan# 244
 Delta R.T. -0.023 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

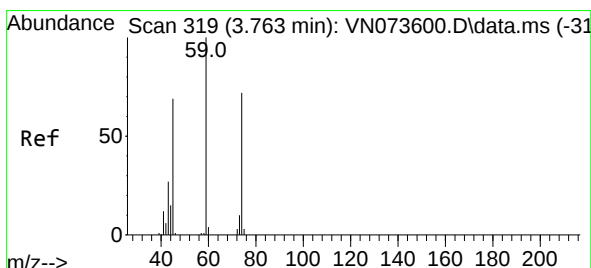
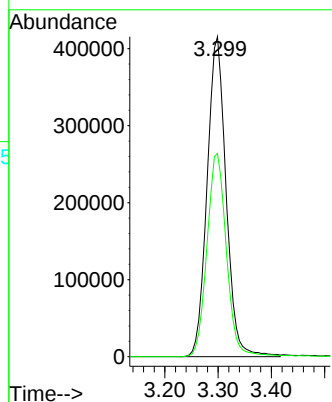
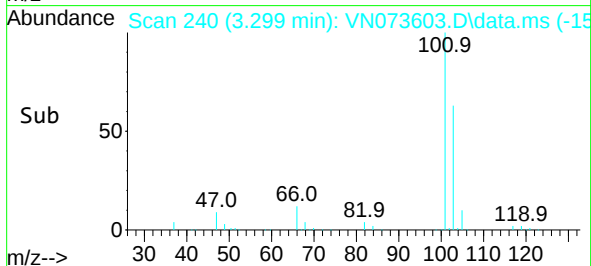
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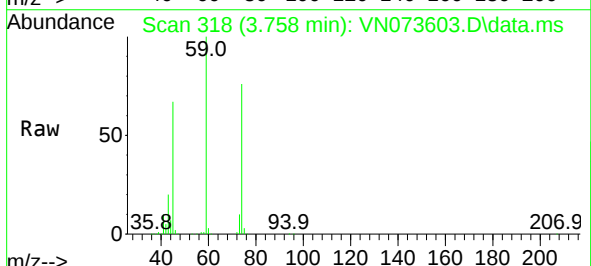
Tgt Ion:101 Resp: 1027620
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1

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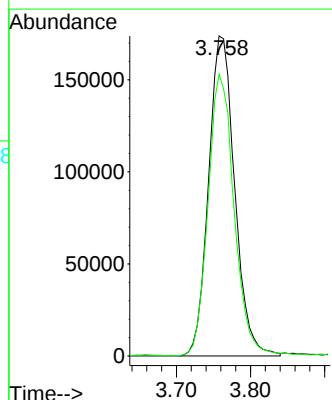
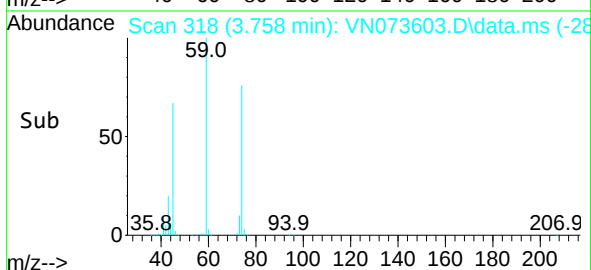
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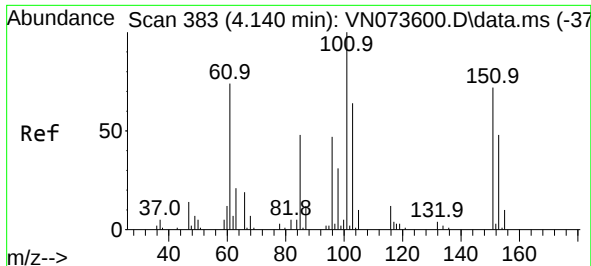


#8
 Diethyl Ether
 Concen: 131.049 ug/l
 RT: 3.758 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07



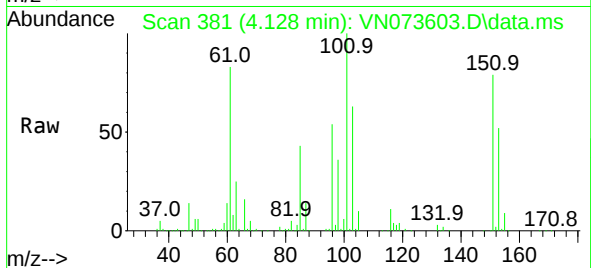
Tgt Ion: 74 Resp: 425522
 Ion Ratio Lower Upper
 74 100
 45 88.1 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.349 ug/l m
RT: 4.128 min Scan# 381
Delta R.T. -0.011 min
Lab File: VN073603.D
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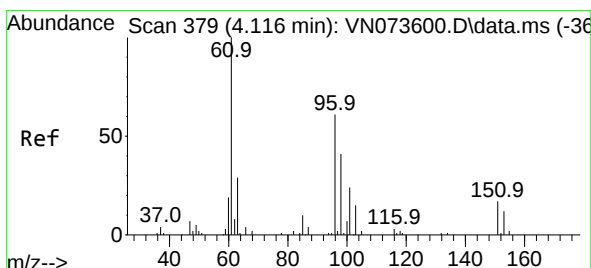
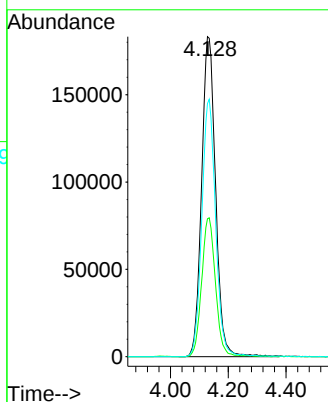
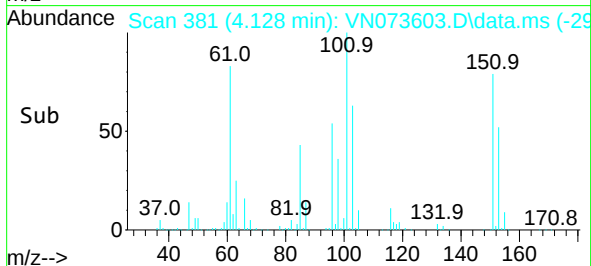
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VSTDIC150



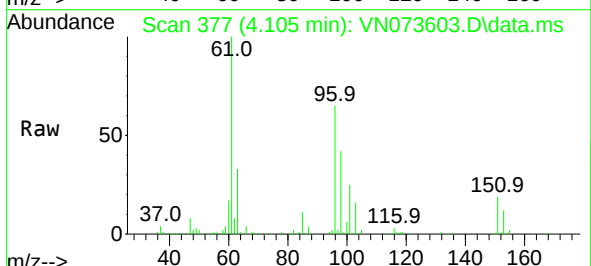
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Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

Manual Integrations
APPROVED

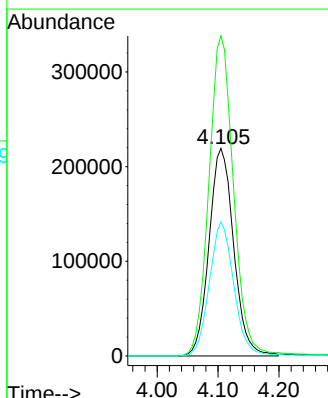
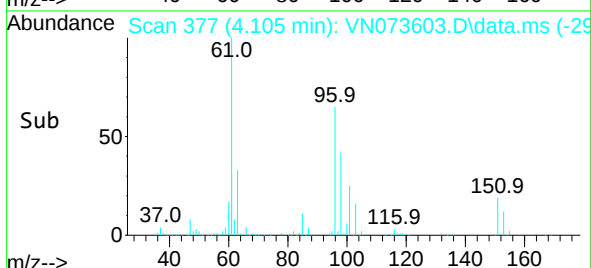
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

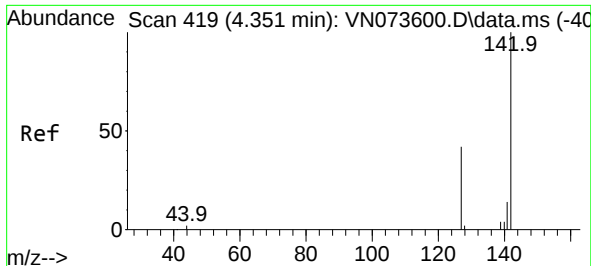


#10
1,1-Dichloroethene
Concen: 135.616 ug/l
RT: 4.105 min Scan# 377
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



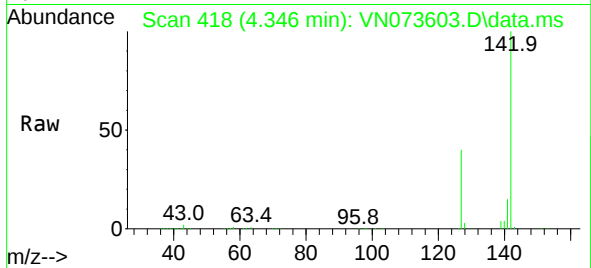
Tgt Ion: 96 Resp: 616798
Ion Ratio Lower Upper
96 100
61 154.2 126.2 189.4
98 64.6 50.9 76.3





#11
Methyl Iodide
Concen: 181.745 ug/l
RT: 4.346 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

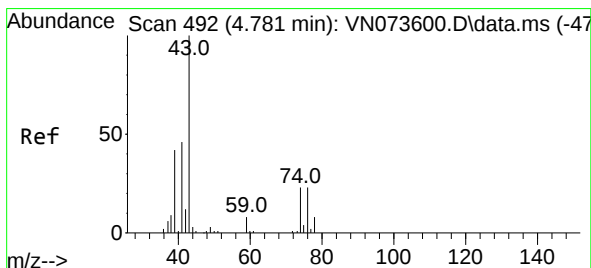
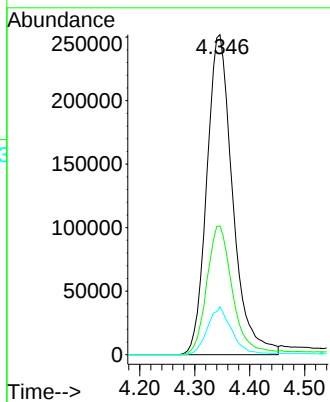
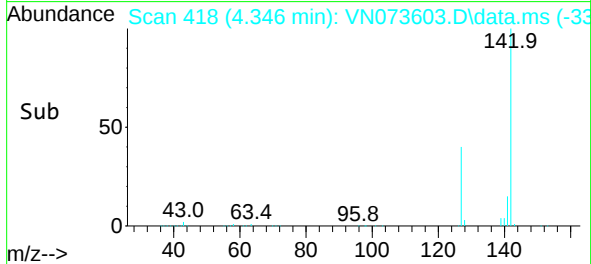
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 823604
Ion Ratio Lower Upper
142 100
127 40.2 24.0 72.0
141 15.0 8.4 25.2

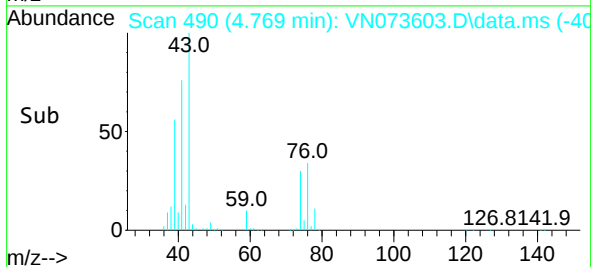
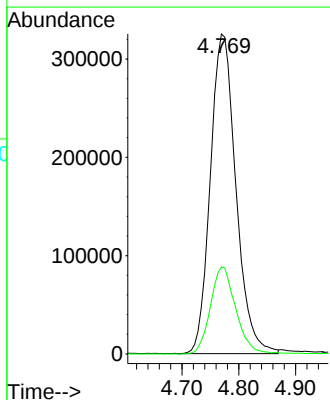
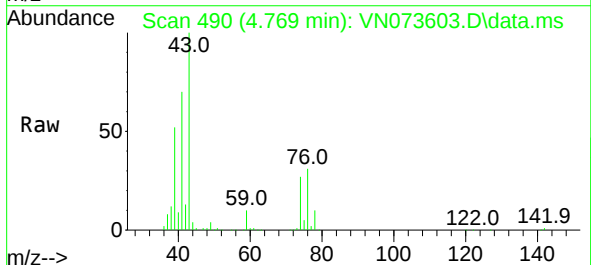
Manual Integrations
APPROVED

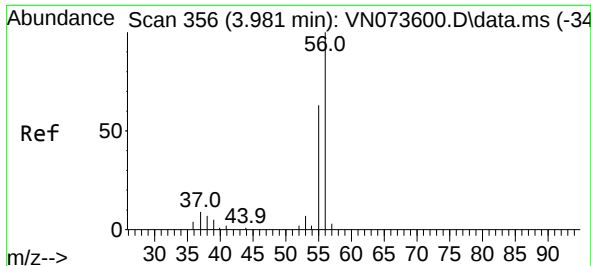
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 110.620 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

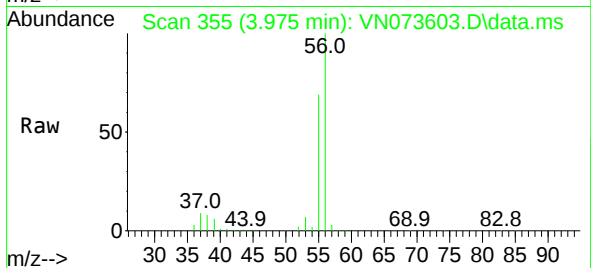
Tgt Ion: 43 Resp: 1018803
Ion Ratio Lower Upper
43 100
74 27.2 20.8 31.2





#13
Acrolein
Concen: 932.398 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

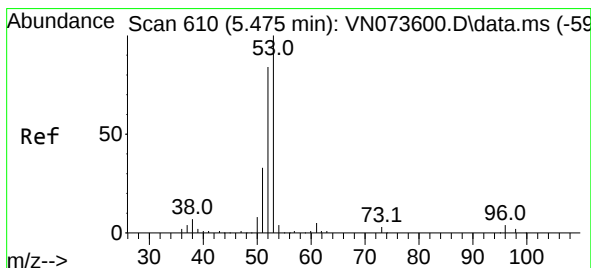
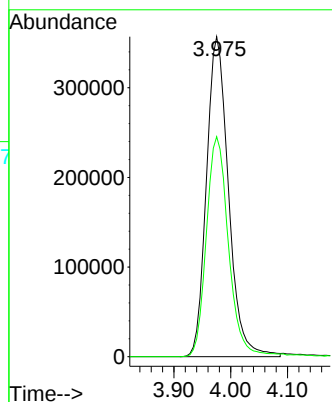
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 95979
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4

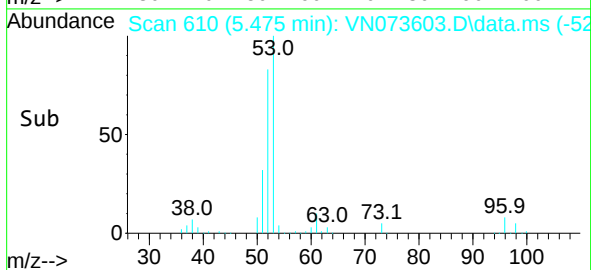
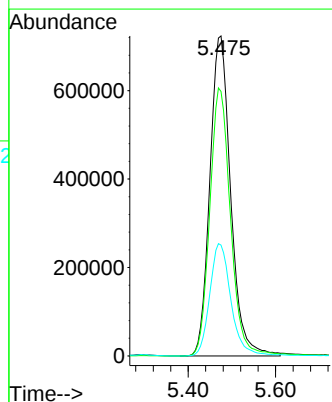
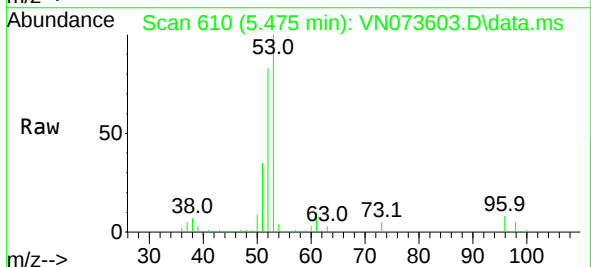
Manual Integrations
APPROVED

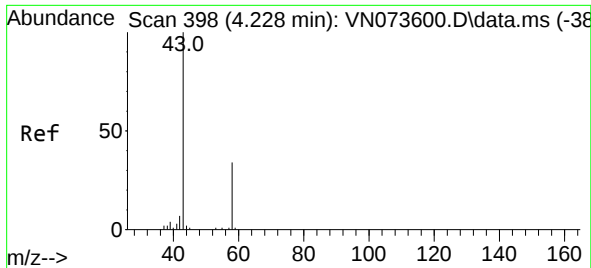
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 659.947 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

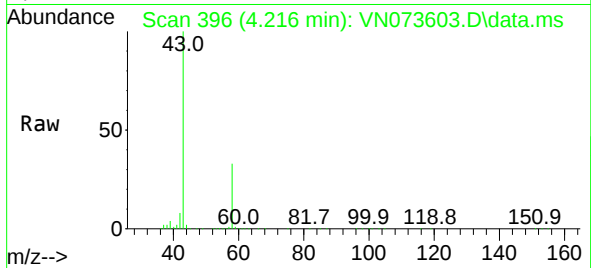
Tgt Ion: 53 Resp: 2395273
Ion Ratio Lower Upper
53 100
52 83.2 41.8 125.4
51 35.9 19.0 57.0





#15
Acetone
Concen: 639.033 ug/l
RT: 4.216 min Scan# 398
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

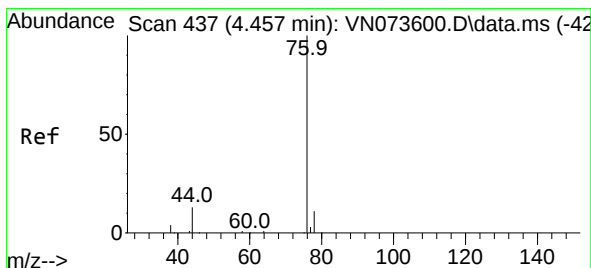
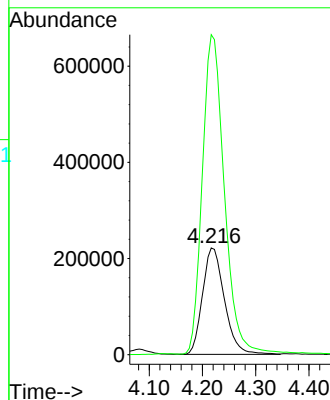
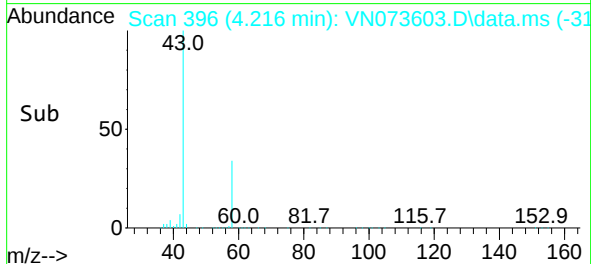
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



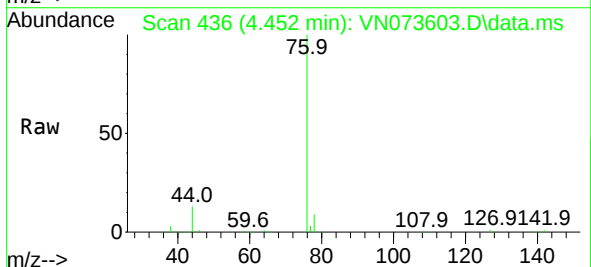
Tgt Ion: 58 Resp: 63380
Ion Ratio Lower Upper
58 100
43 299.8 256.6 384.8

Manual Integrations
APPROVED

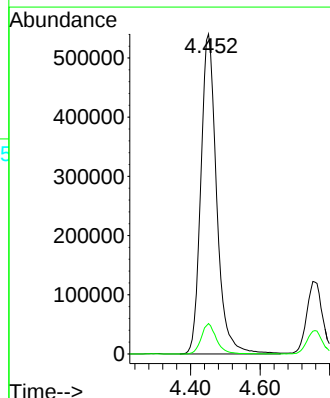
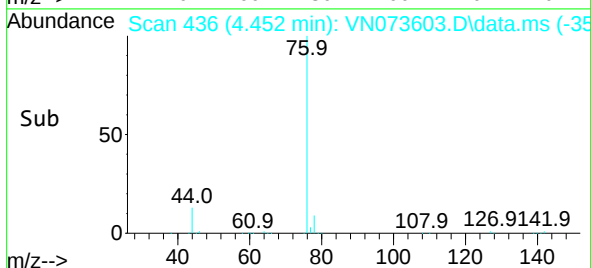
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

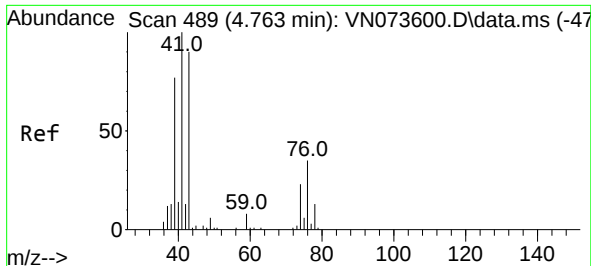


#16
Carbon Disulfide
Concen: 140.269 ug/l
RT: 4.452 min Scan# 436
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion: 76 Resp: 1706315
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17

Allyl chloride

Concen: 120.191 ug/l

RT: 4.758 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 1021019

Ion Ratio Lower Upper

41 100

39 74.6 44.6 134.0

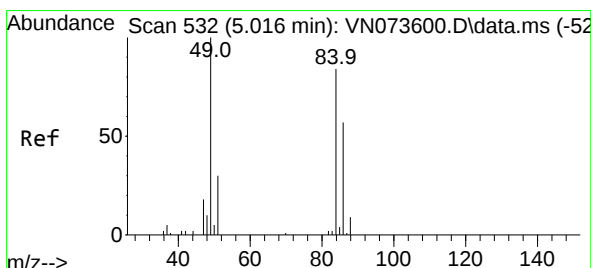
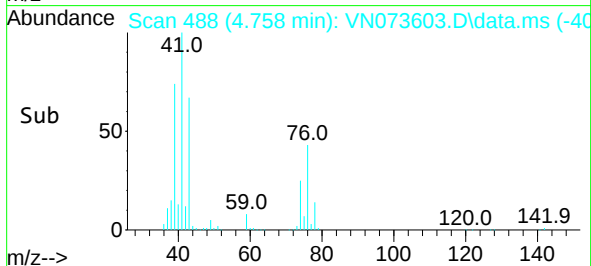
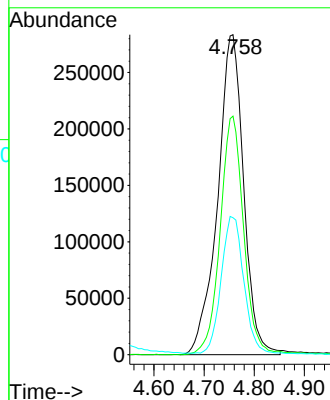
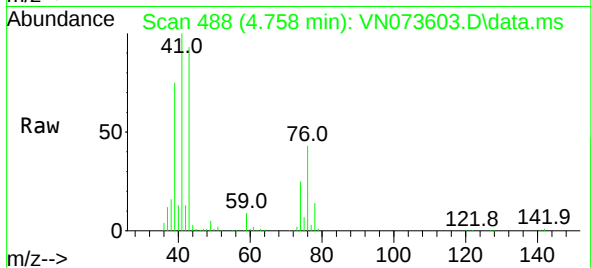
76 42.2 19.6 58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#18

Methylene Chloride

Concen: 133.974 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Tgt Ion: 84 Resp: 736865

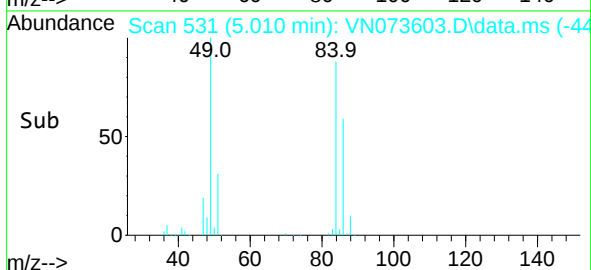
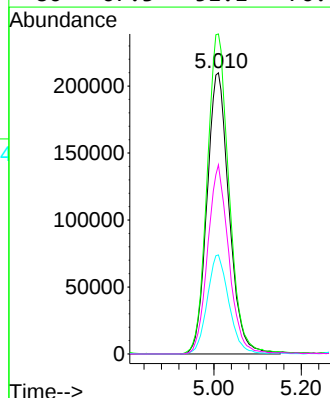
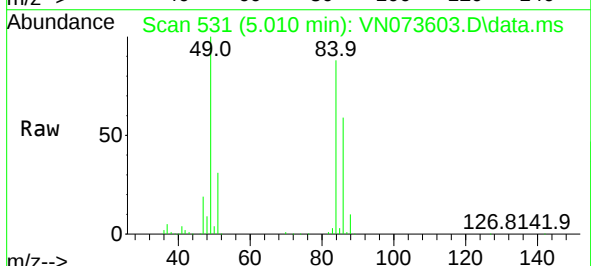
Ion Ratio Lower Upper

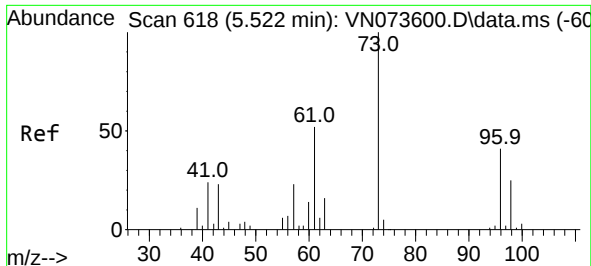
84 100

49 113.8 91.4 137.0

51 35.2 29.4 44.0

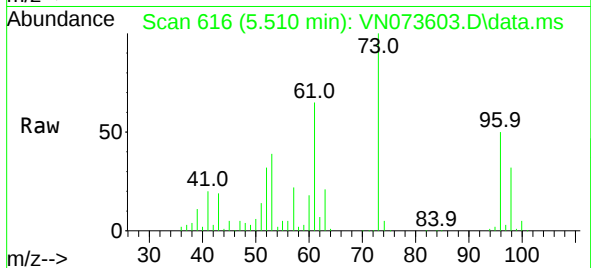
86 67.3 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 140.218 ug/l
RT: 5.510 min Scan# 618
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

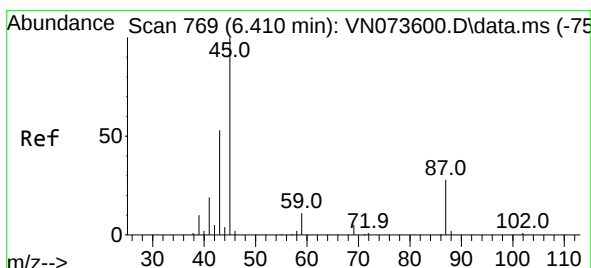
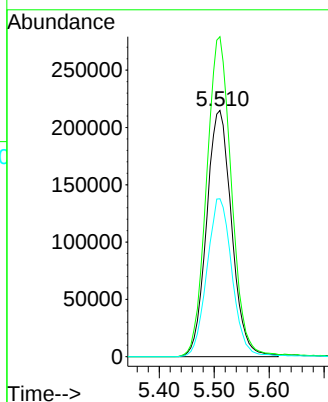
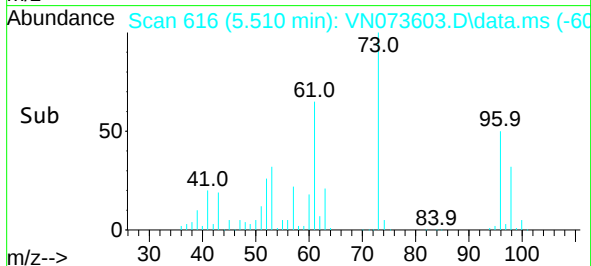
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



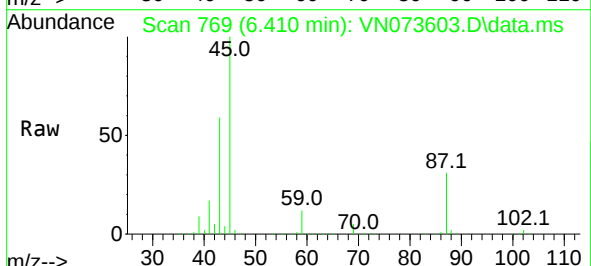
Tgt Ion: 96 Resp: 68092
Ion Ratio Lower Upper
96 100
61 129.9 102.8 154.2
98 64.2 49.3 73.9

Manual Integrations
APPROVED

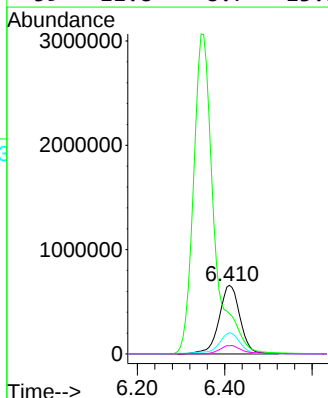
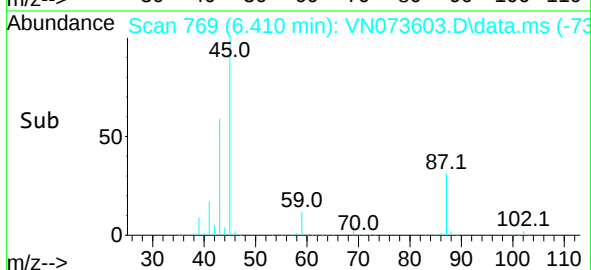
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

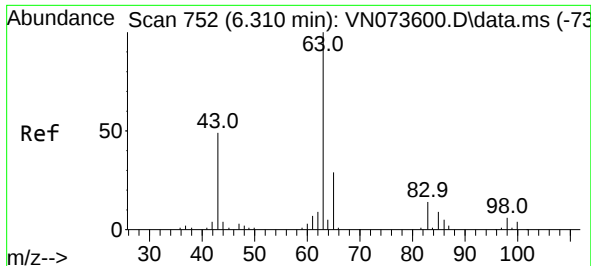


#20
Diisopropyl ether
Concen: 121.605 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



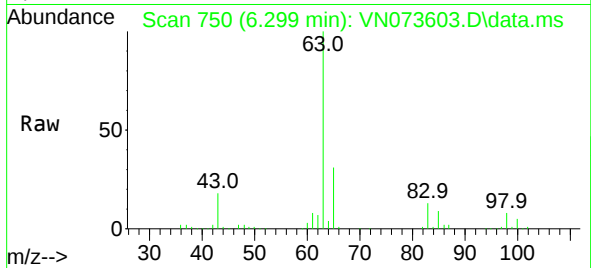
Tgt Ion: 45 Resp: 2186685
Ion Ratio Lower Upper
45 100
43 57.3 51.0 76.4
87 30.9 25.0 37.4
59 11.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 131.453 ug/l
RT: 6.299 min Scan# 752
Delta R.T. -0.011 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

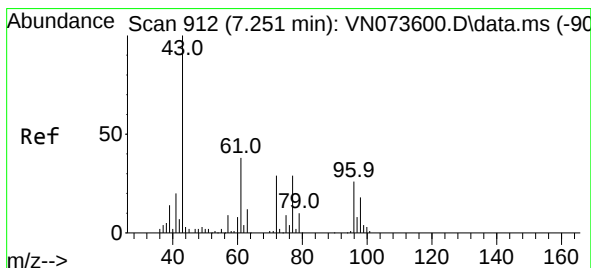
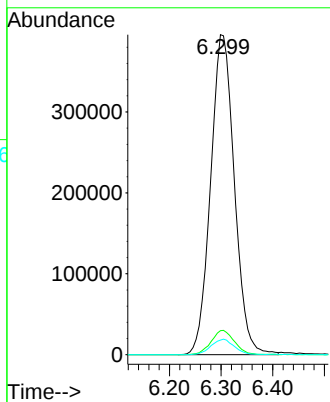
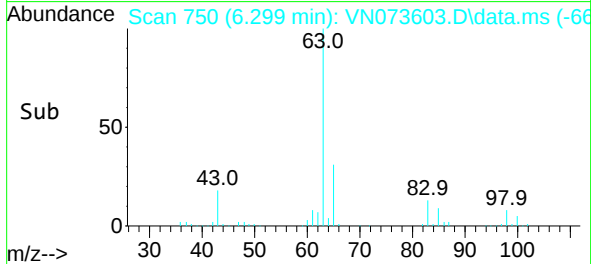
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 126495
Ion Ratio Lower Upper
63 100
98 7.5 3.2 9.6
100 4.5 2.1 6.2

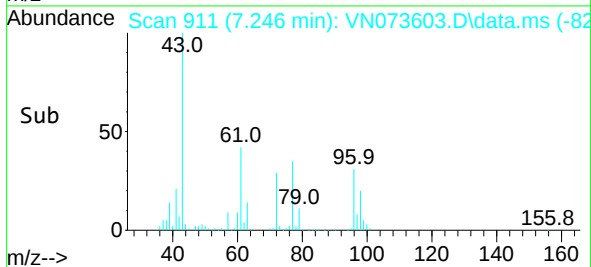
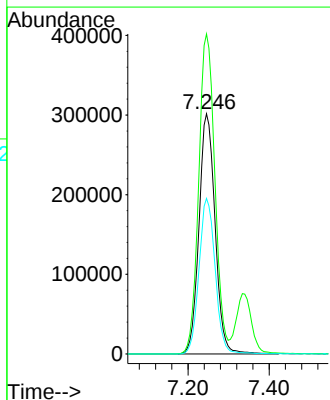
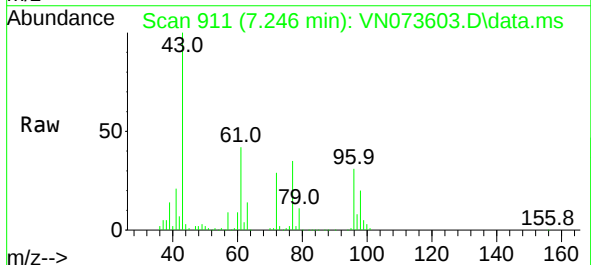
Manual Integrations
APPROVED

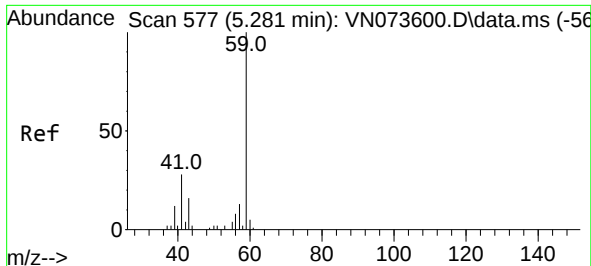
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#22
cis-1,2-Dichloroethene
Concen: 144.192 ug/l
RT: 7.246 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

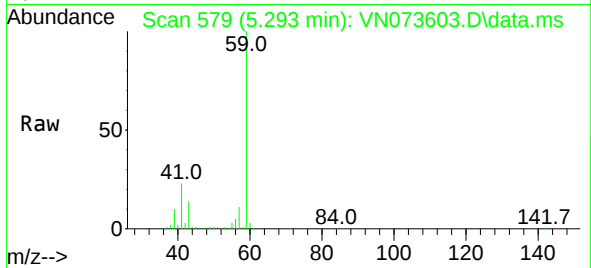
Tgt Ion: 96 Resp: 831864
Ion Ratio Lower Upper
96 100
61 133.4 115.7 173.5
98 64.8 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 618.318 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

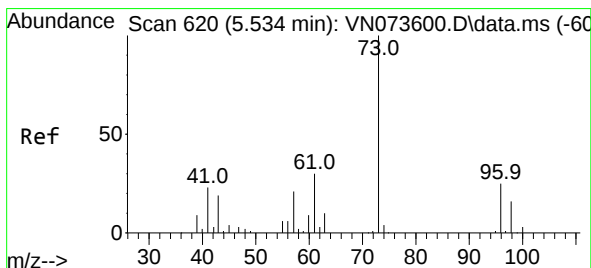
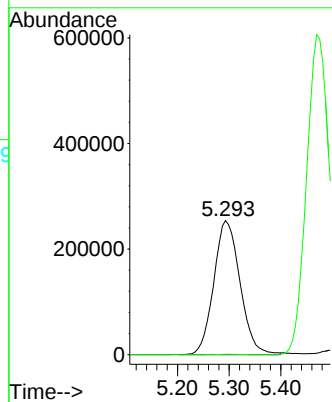
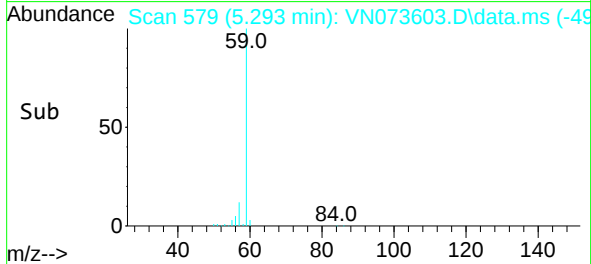
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



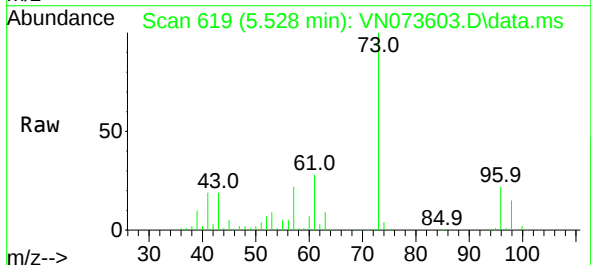
Tgt Ion: 59 Resp: 894220
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

Manual Integrations
APPROVED

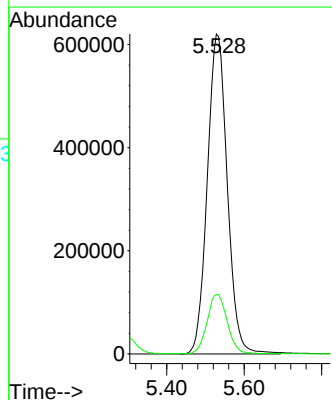
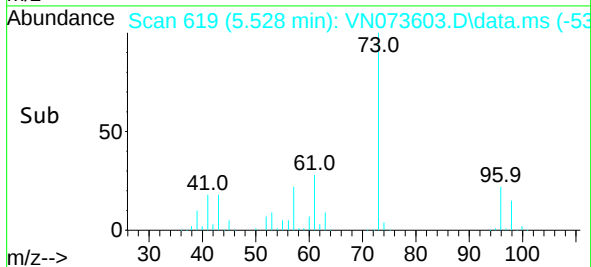
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

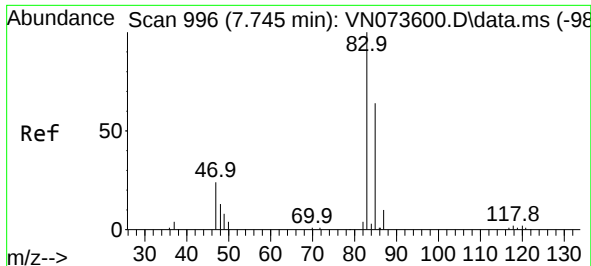


#24
Methyl tert-Butyl Ether
Concen: 132.557 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



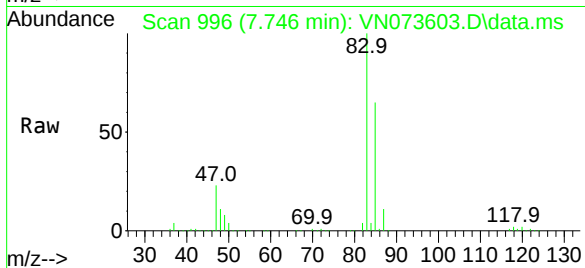
Tgt Ion: 73 Resp: 2221992
Ion Ratio Lower Upper
73 100
43 18.5 18.1 27.1





#25
Chloroform
Concen: 134.969 ug/l
RT: 7.746 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

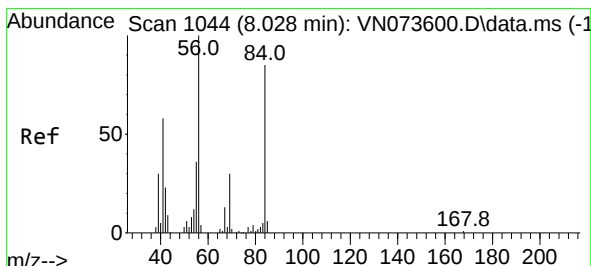
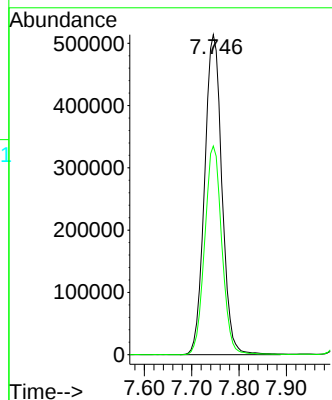
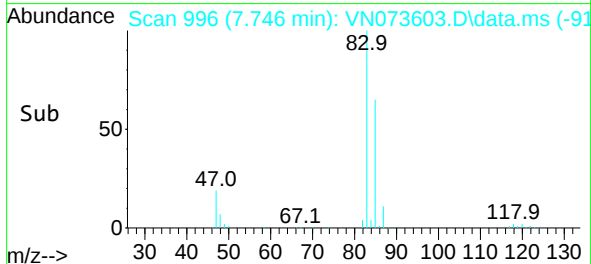
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 130473
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

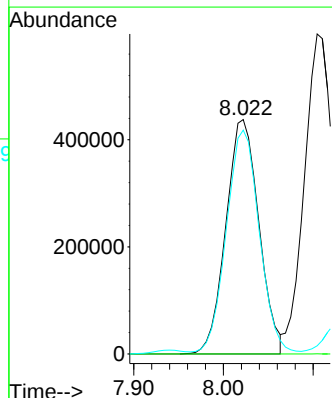
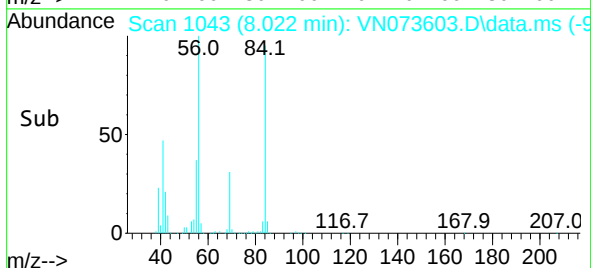
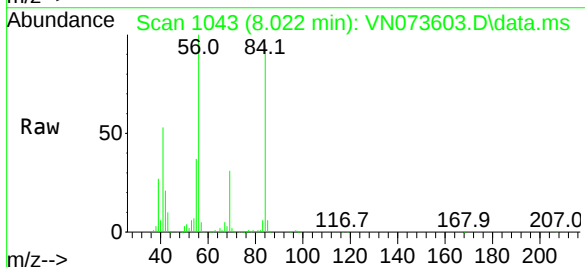
Manual Integrations
APPROVED

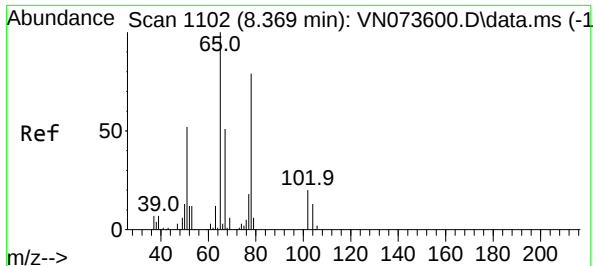
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#26
Cyclohexane
Concen: 133.648 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 56 Resp: 1118696
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.9 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 26.245 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 168244

Ion Ratio Lower Upper

65 100

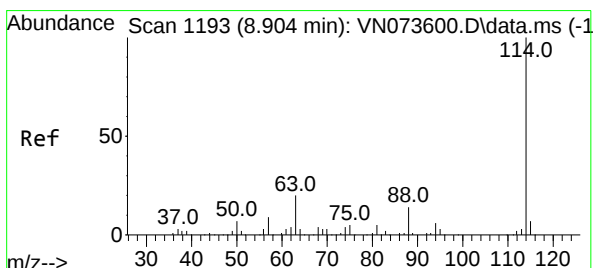
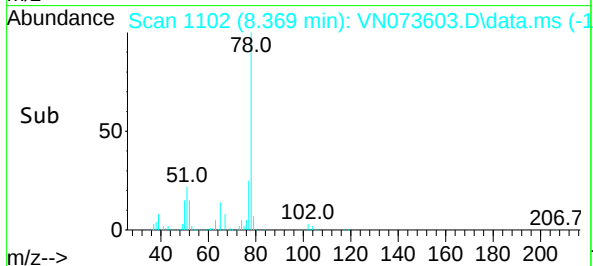
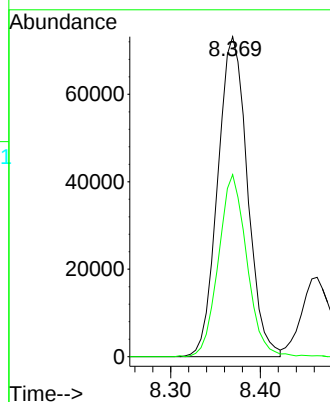
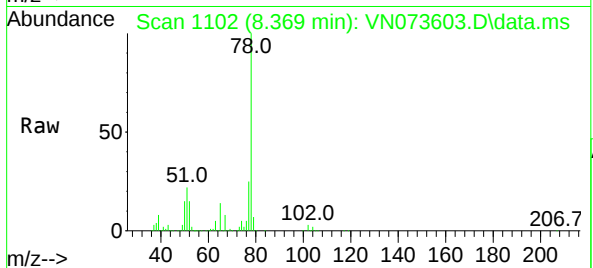
67 54.2 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

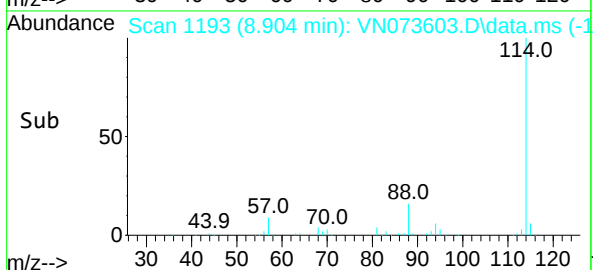
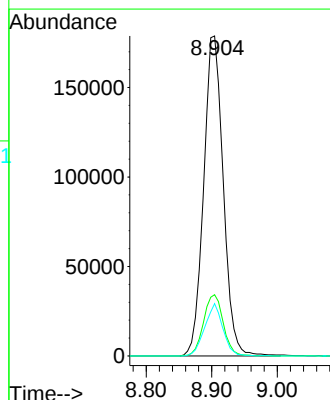
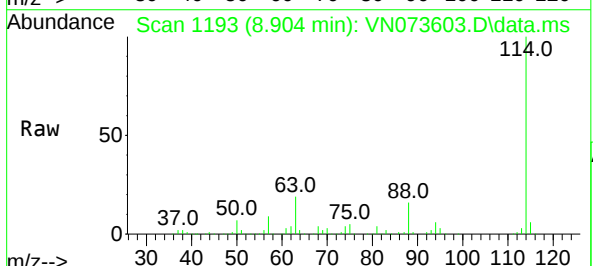
Tgt Ion:114 Resp: 372461

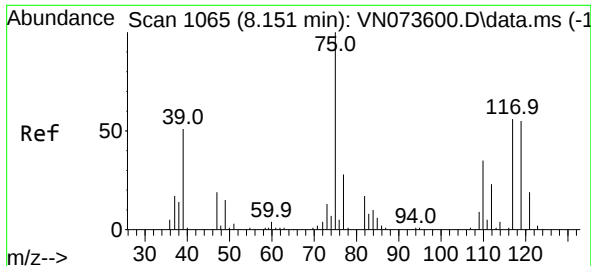
Ion Ratio Lower Upper

114 100

63 19.2 15.8 23.6

88 15.1 11.6 17.4





#29

1,1-Dichloropropene

Concen: 144.745 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 98541

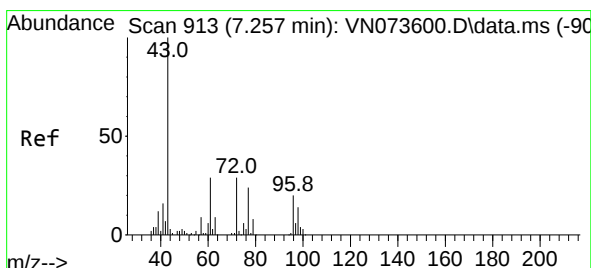
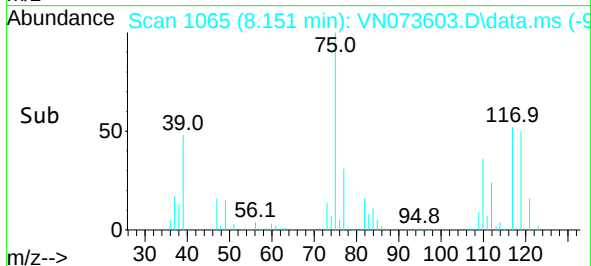
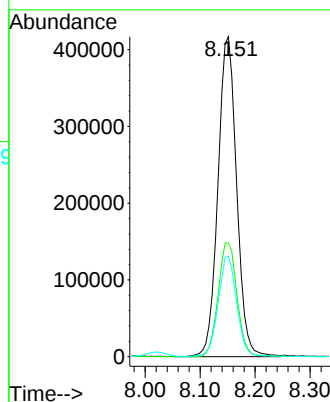
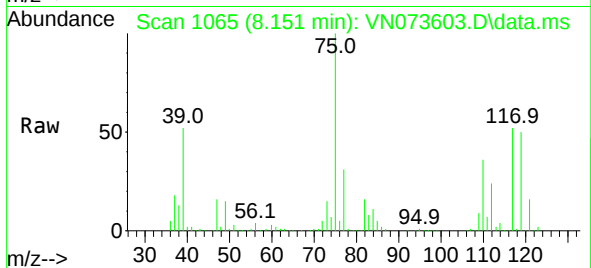
Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	74.2
77	31.1	0.0	63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#30

2-Butanone

Concen: 645.172 ug/l

RT: 7.257 min Scan# 913

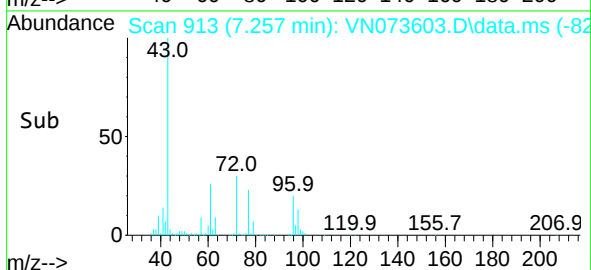
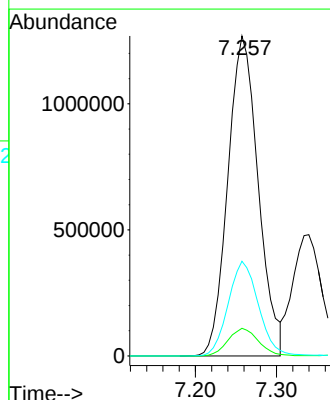
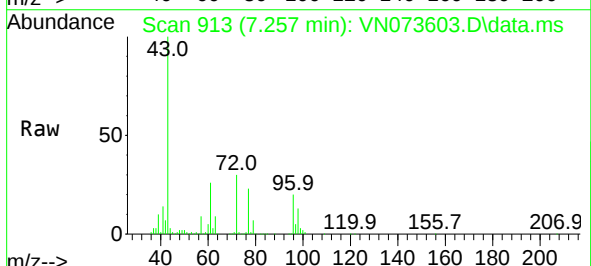
Delta R.T. 0.000 min

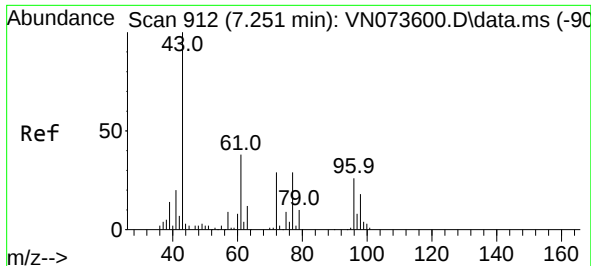
Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Tgt Ion: 43 Resp: 3300395

Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.7	10.1
72	29.7	23.2	34.8





#31

2,2-Dichloropropane

Concen: 246.376 ug/l

RT: 7.246 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 997920

Ion Ratio Lower Upper

77 100

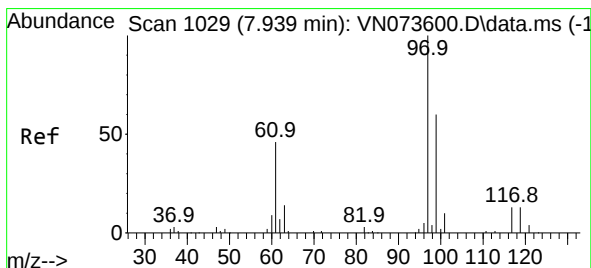
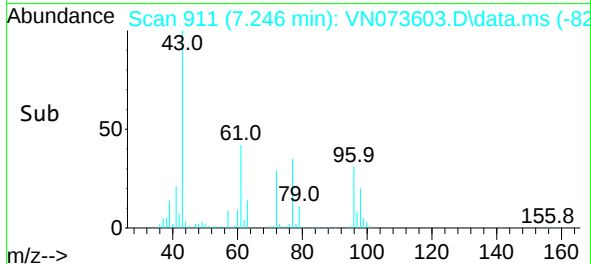
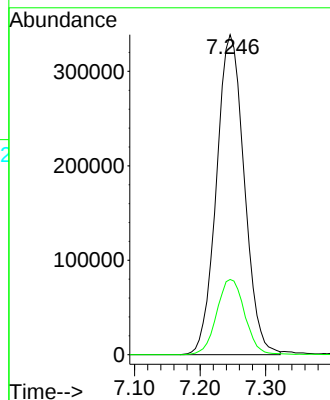
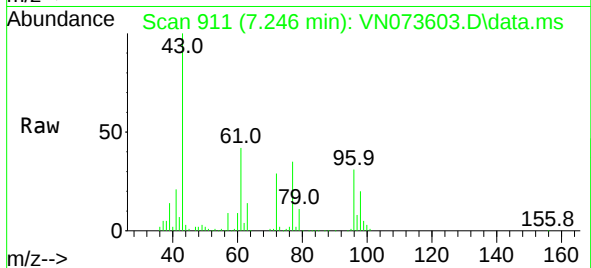
97 23.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#32

1,1,1-Trichloroethane

Concen: 136.334 ug/l

RT: 7.940 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

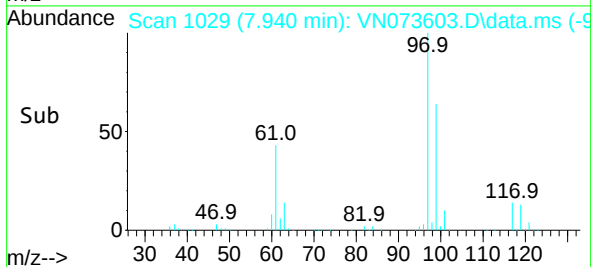
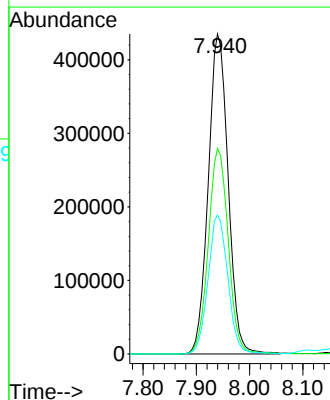
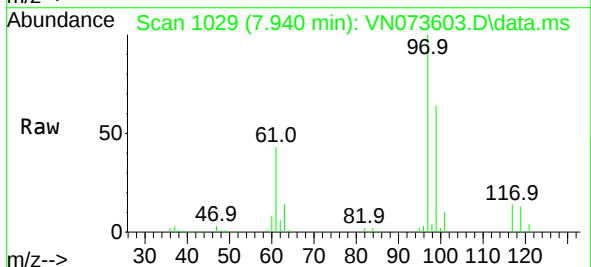
Tgt Ion: 97 Resp: 1129571

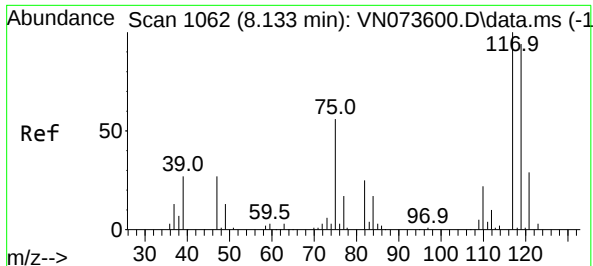
Ion Ratio Lower Upper

97 100

99 64.4 50.4 75.6

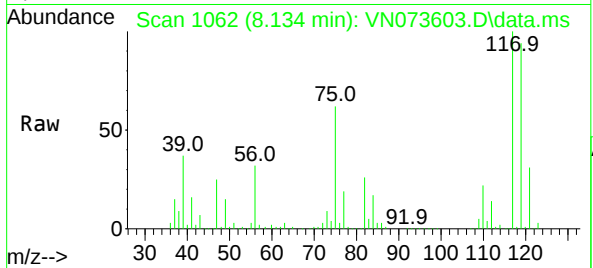
61 43.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 140.878 ug/l
RT: 8.134 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

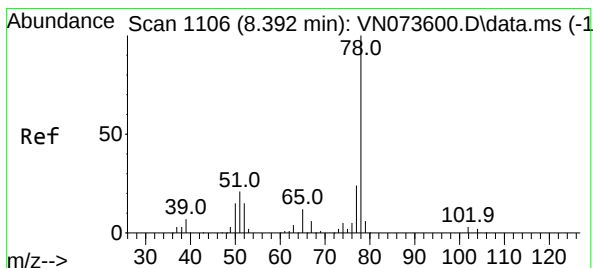
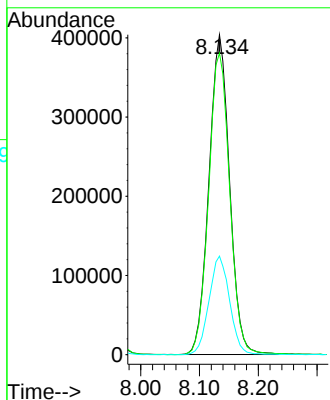
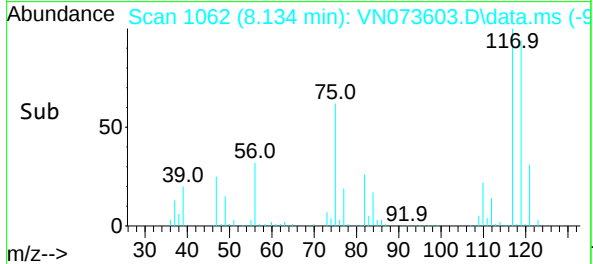
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



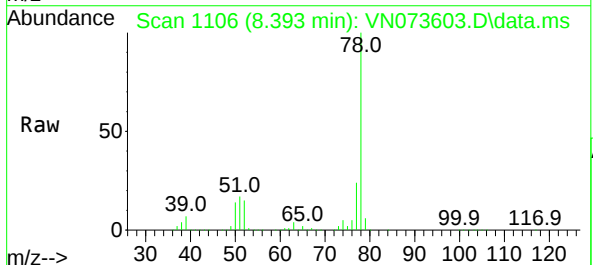
Tgt Ion: 117 Resp: 98422
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3
121 30.8 23.5 35.3

Manual Integrations
APPROVED

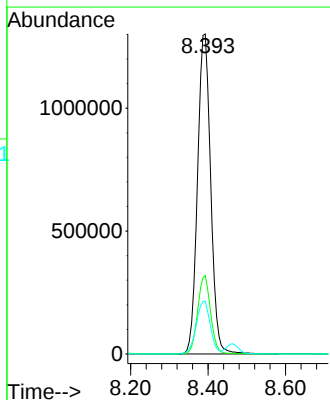
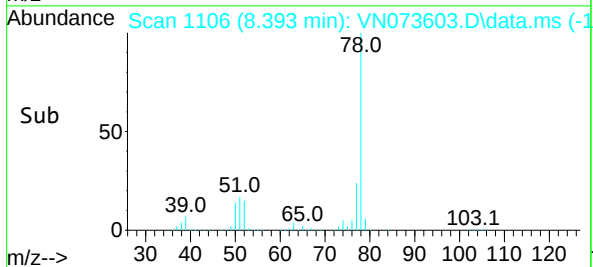
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

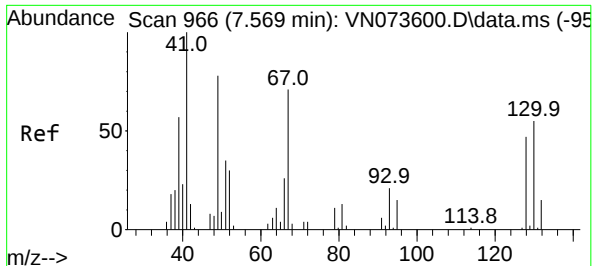


#34
Benzene
Concen: 144.357 ug/l
RT: 8.393 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion: 78 Resp: 3075542
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7
51 16.5 16.0 24.0





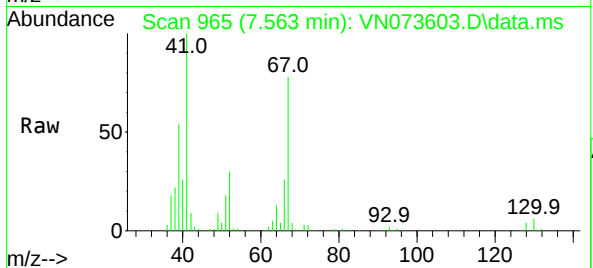
#35
Methacrylonitrile
Concen: 100.489 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150



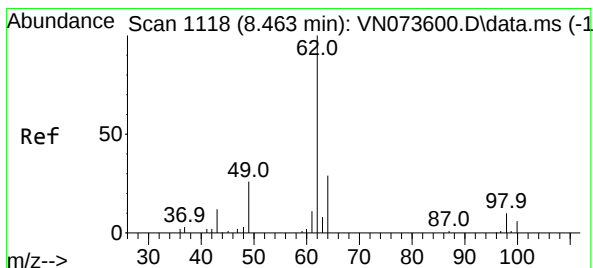
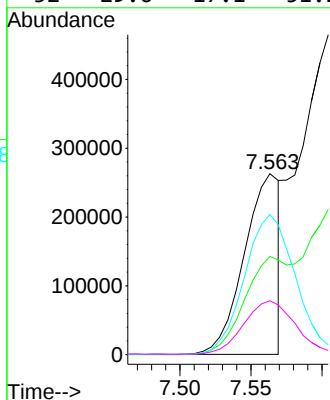
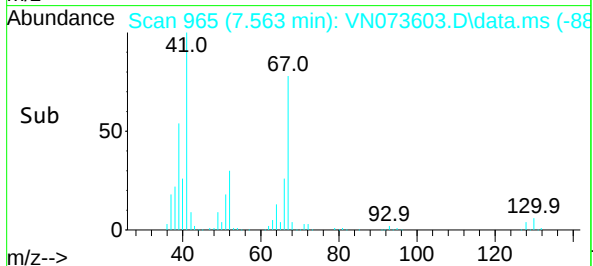
Tgt Ion: 41 Resp: 45821
Ion Ratio Lower Upper
41 100
39 54.3 28.0 83.9
67 77.7 37.7 113.1
52 29.6 17.1 51.2

Manual Integrations

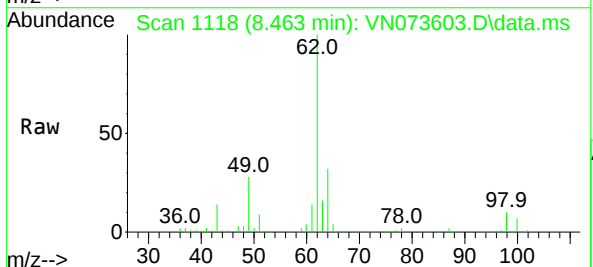
APPROVED

Reviewed By :John Carlone 07/28/2022

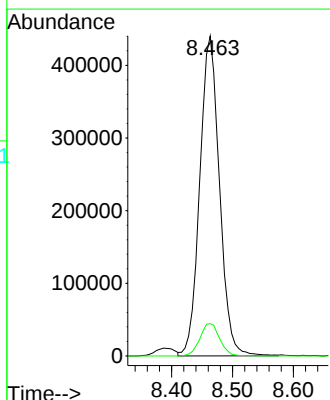
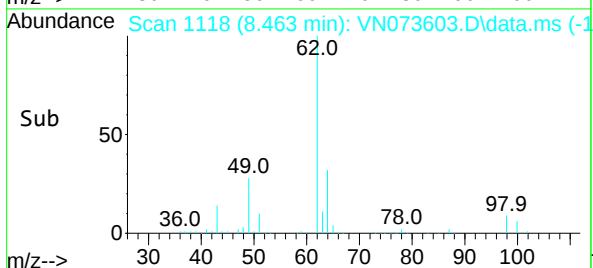
Supervised By :Mahesh Dadoda 07/28/2022

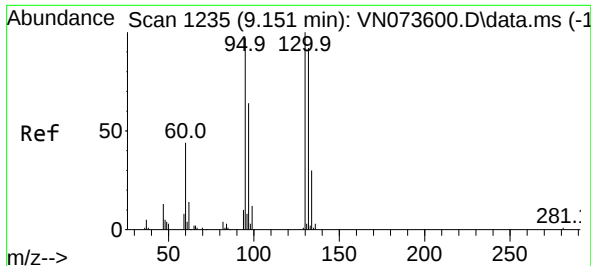


#36
1,2-Dichloroethane
Concen: 127.536 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



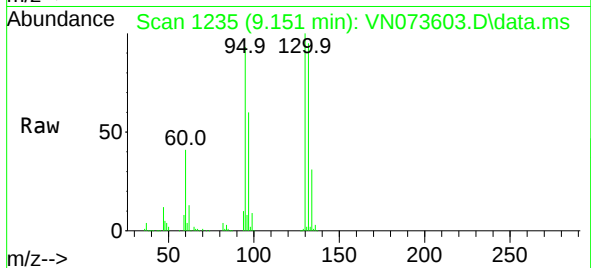
Tgt Ion: 62 Resp: 988829
Ion Ratio Lower Upper
62 100
98 10.2 6.6 10.0#





#37
Trichloroethene
Concen: 151.278 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

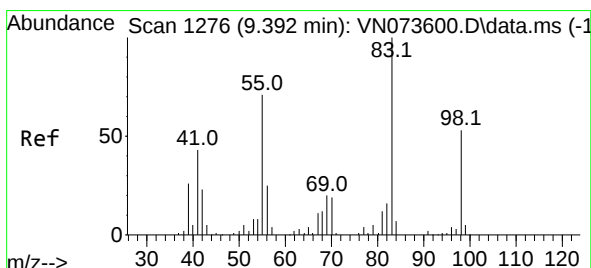
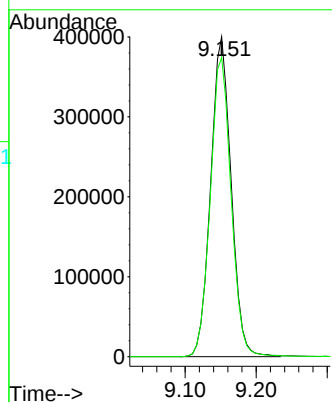
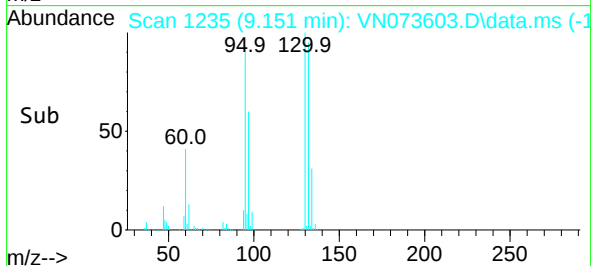
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



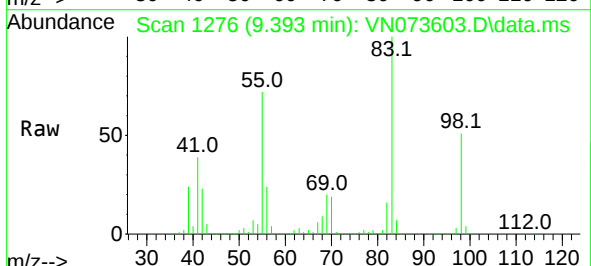
Tgt Ion:130 Resp: 800110
Ion Ratio Lower Upper
130 100
95 93.4 76.6 115.0

Manual Integrations
APPROVED

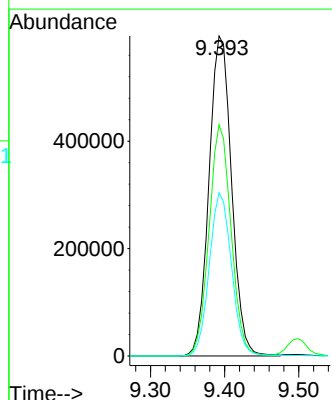
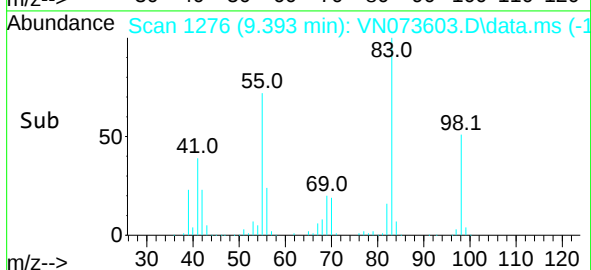
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

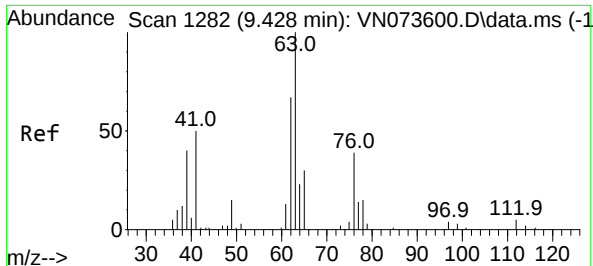


#38
Methylcyclohexane
Concen: 156.369 ug/l
RT: 9.393 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion: 83 Resp: 1260171
Ion Ratio Lower Upper
83 100
55 70.5 35.1 105.3
98 50.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 138.893 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 764600

Ion Ratio Lower Upper

63 100

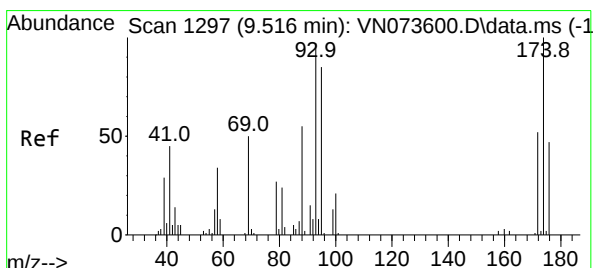
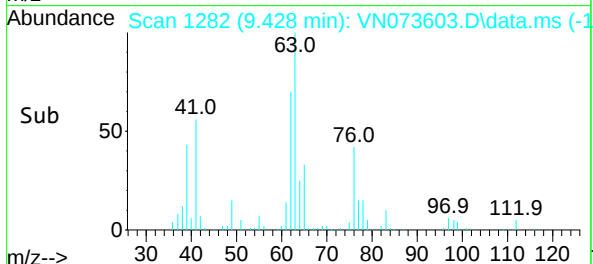
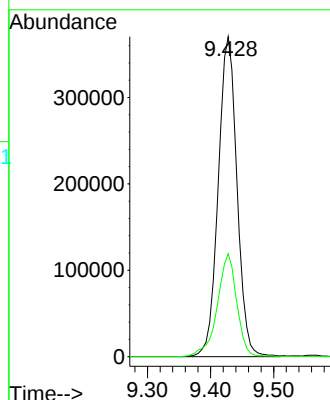
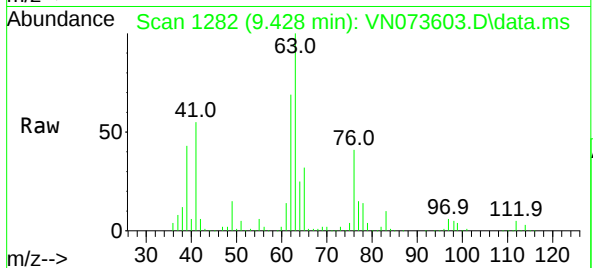
65 32.1 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 143.019 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

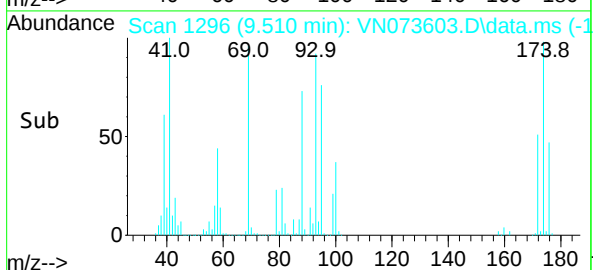
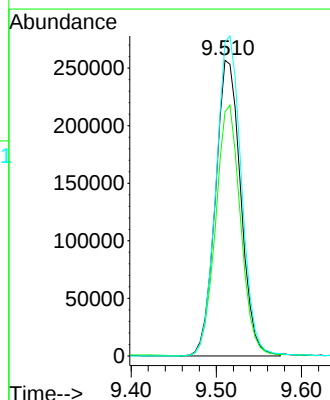
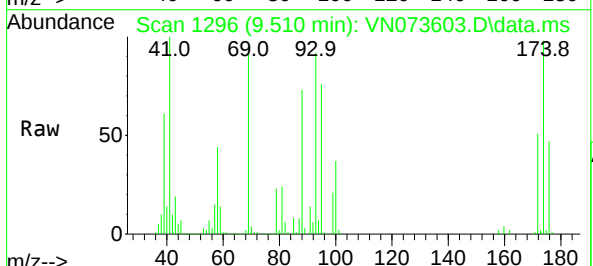
Tgt Ion: 93 Resp: 531543

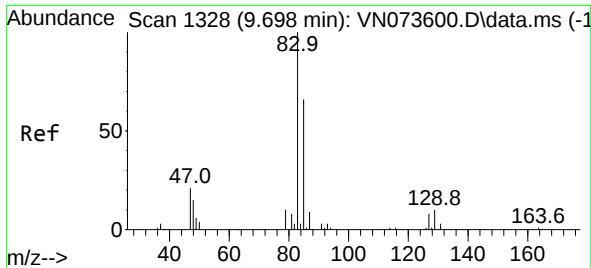
Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.8

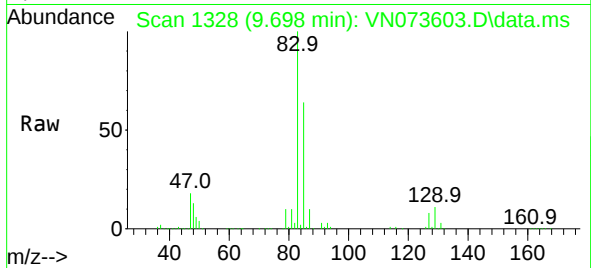
174 108.6 0.0 173.6





#41
Bromodichloromethane
Concen: 140.130 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

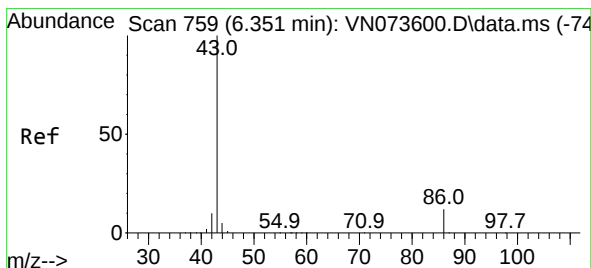
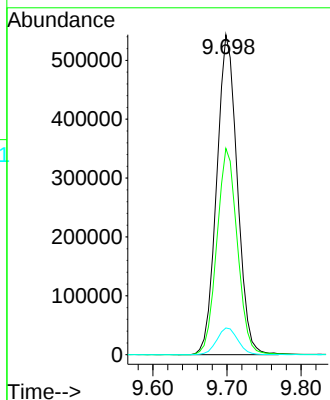
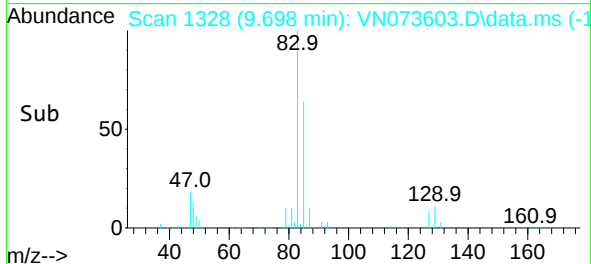
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



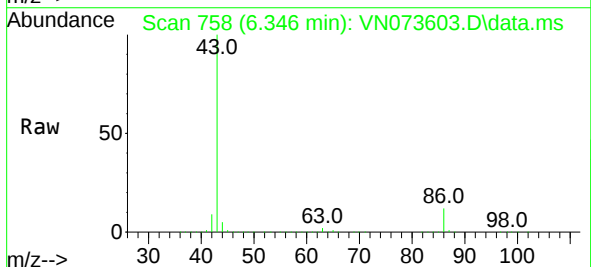
Tgt Ion: 83 Resp: 1047548
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

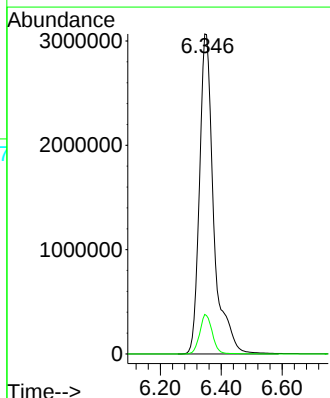
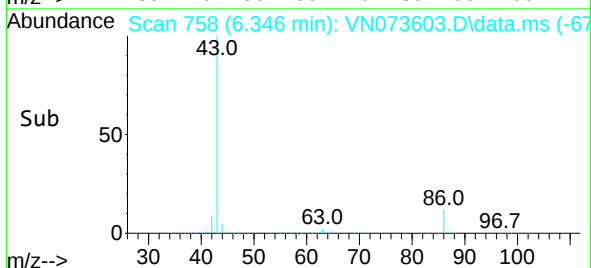
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

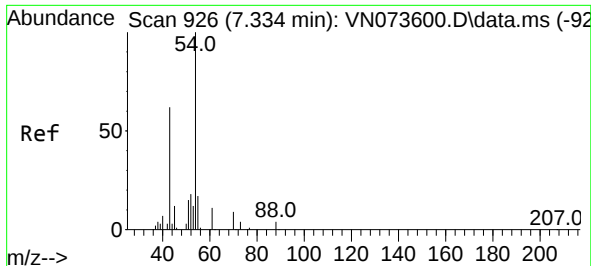


#42
Vinyl Acetate
Concen: 637.320 ug/l
RT: 6.346 min Scan# 758
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



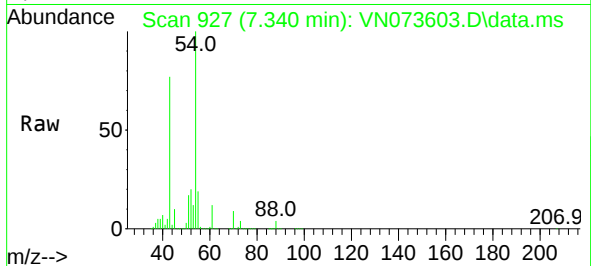
Tgt Ion: 43 Resp: 9971164
Ion Ratio Lower Upper
43 100
86 10.9 7.5 11.3





#43
Ethyl Acetate
Concen: 131.156 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

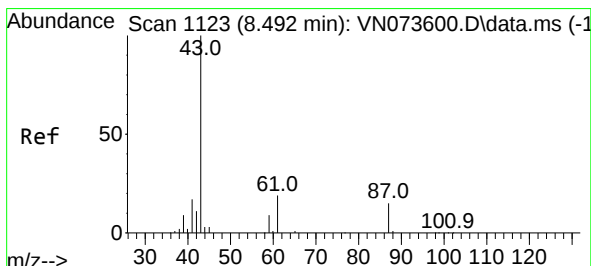
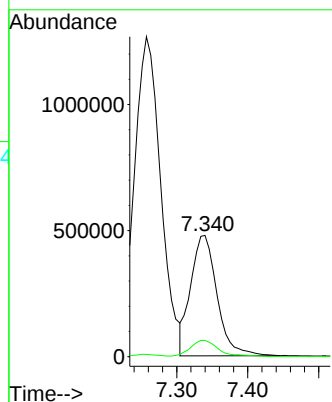
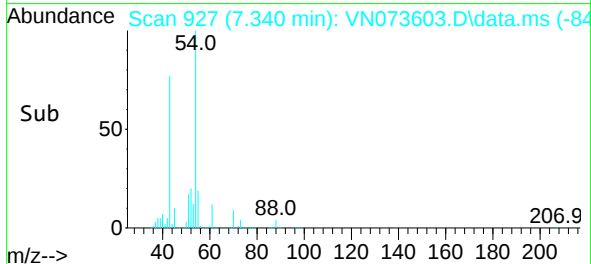
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 123412
Ion Ratio Lower Upper
43 100
45 14.7 10.6 16.0

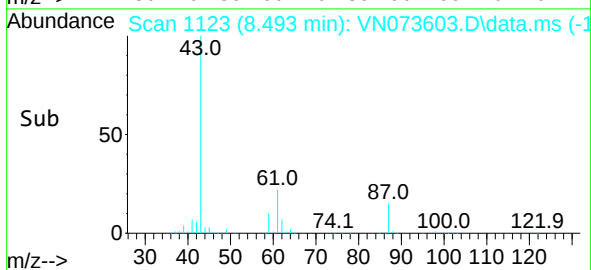
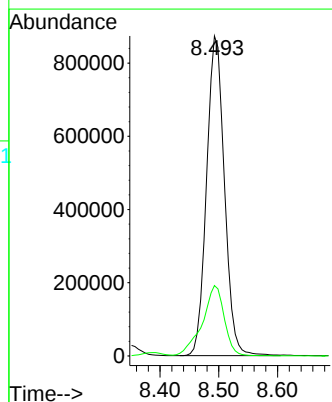
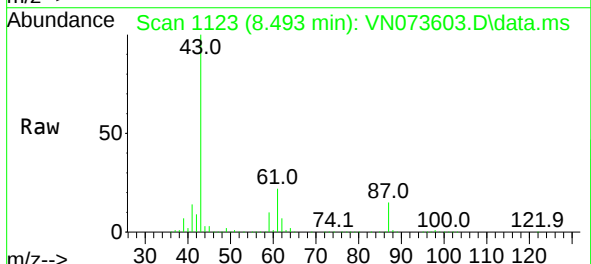
Manual Integrations
APPROVED

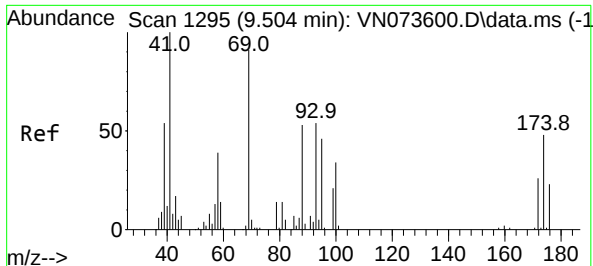
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 125.423 ug/l
RT: 8.493 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 43 Resp: 1842187
Ion Ratio Lower Upper
43 100
61 26.7 20.1 30.1





#45

1,4-Dioxane

Concen: 3097.126 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 42798

Ion Ratio Lower Upper

88 100

43 28.0 25.0 37.6

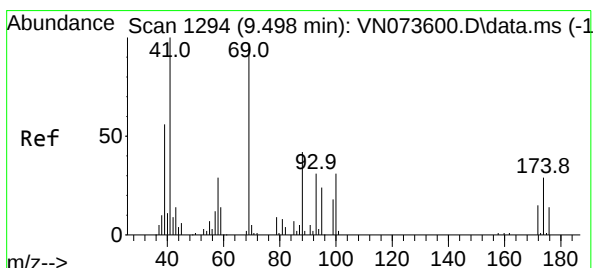
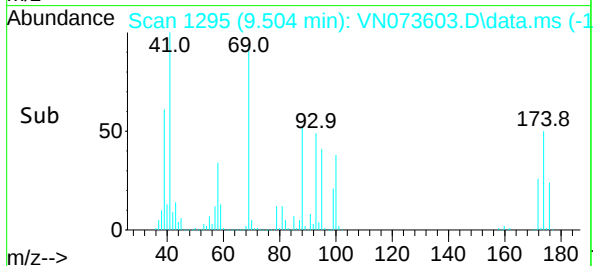
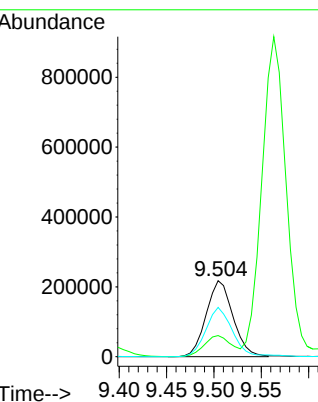
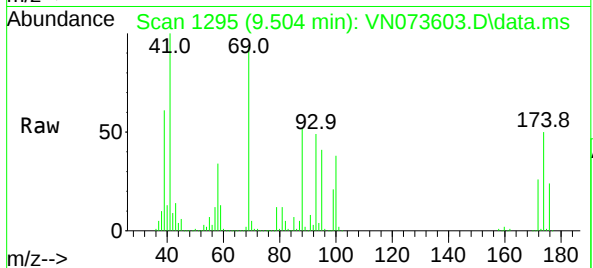
58 63.4 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#46

Methyl methacrylate

Concen: 125.269 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

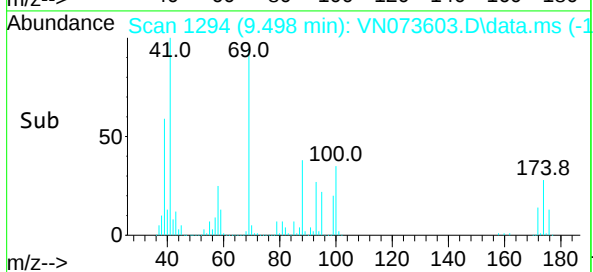
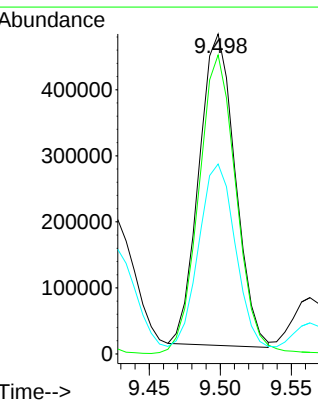
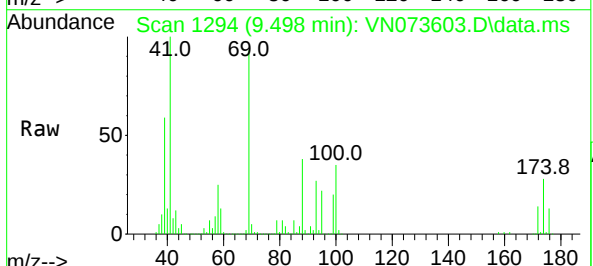
Tgt Ion: 41 Resp: 835381

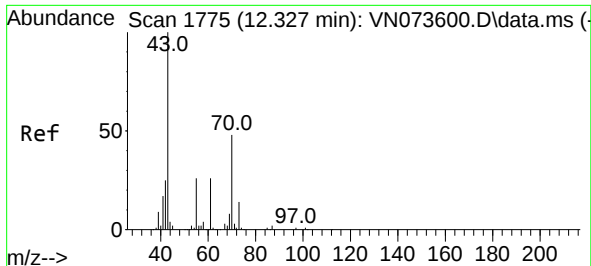
Ion Ratio Lower Upper

41 100

69 95.2 44.4 133.2

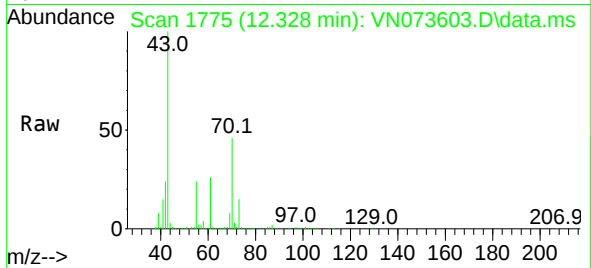
39 59.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 135.694 ug/l
RT: 12.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

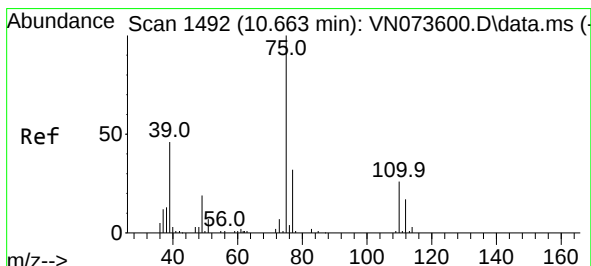
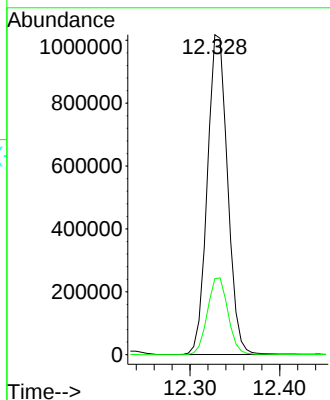
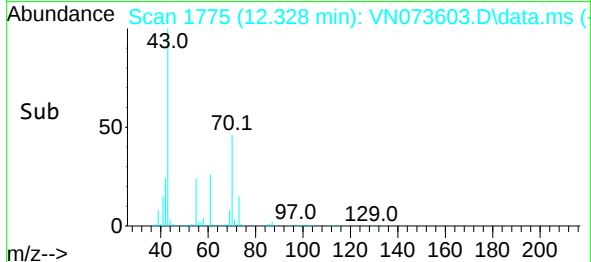
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



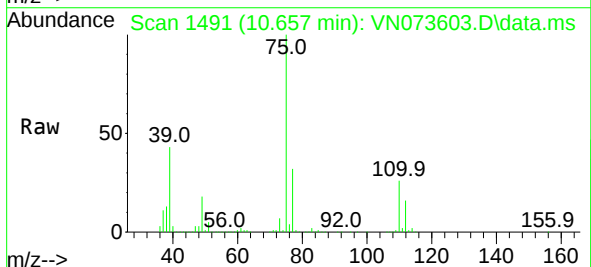
Tgt Ion: 43 Resp: 1592034
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.6

Manual Integrations
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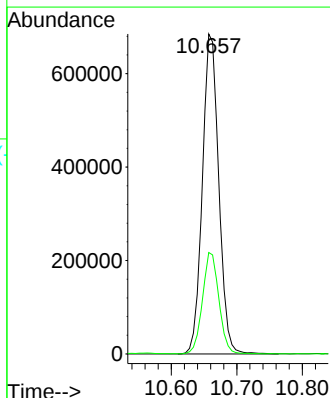
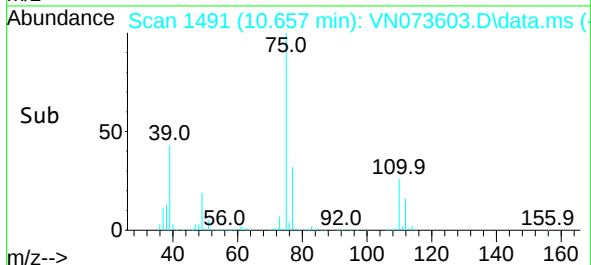
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

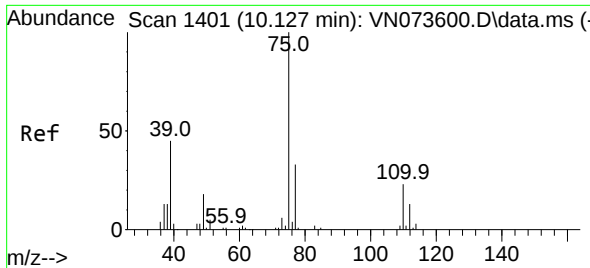


#48
t-1,3-Dichloropropene
Concen: 169.538 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



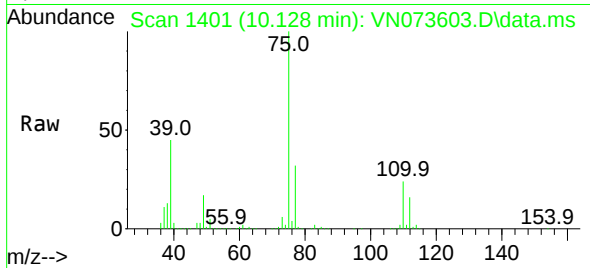
Tgt Ion: 75 Resp: 1193581
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 165.662 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

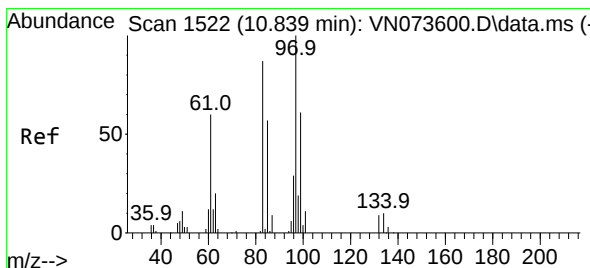
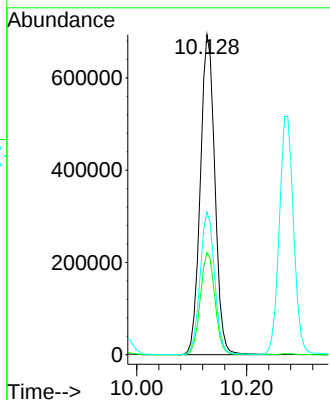
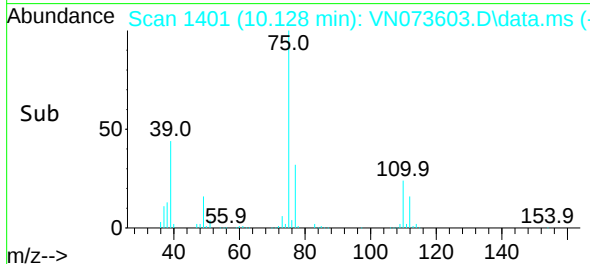
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 127630
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 44.6 46.2 69.4

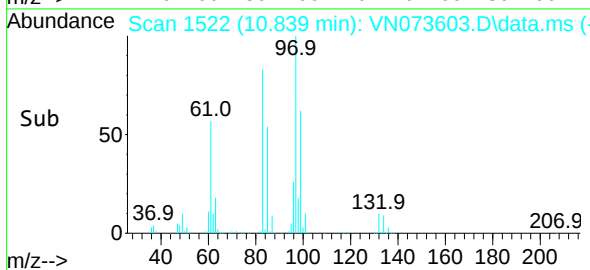
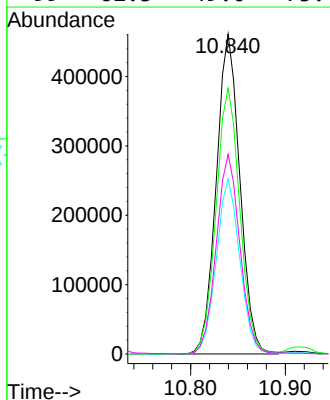
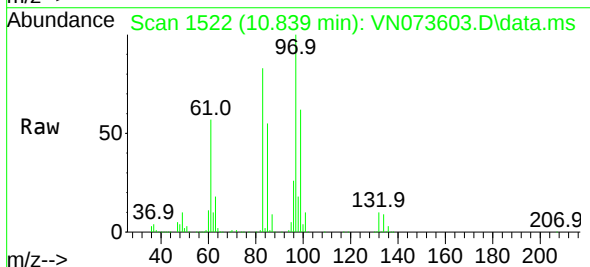
Manual Integrations
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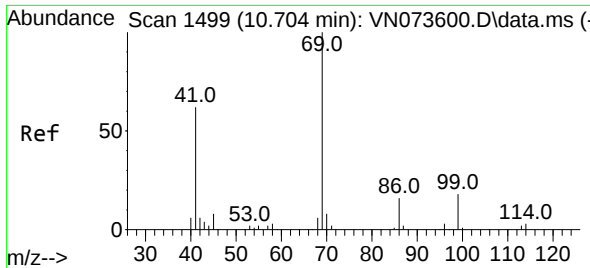
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 148.047 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

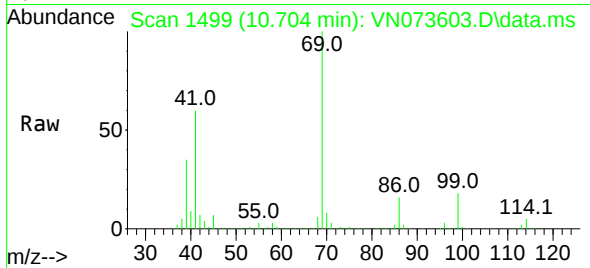
Tgt Ion: 97 Resp: 798561
 Ion Ratio Lower Upper
 97 100
 83 83.1 67.2 100.8
 85 54.7 43.0 64.4
 99 62.3 49.0 73.4





#51
Ethyl methacrylate
Concen: 149.924 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

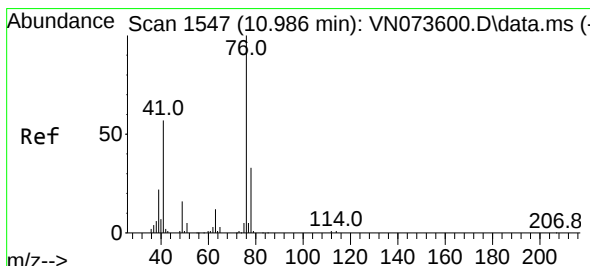
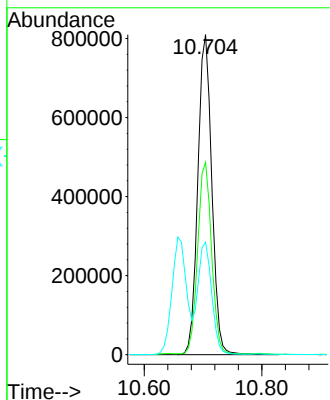
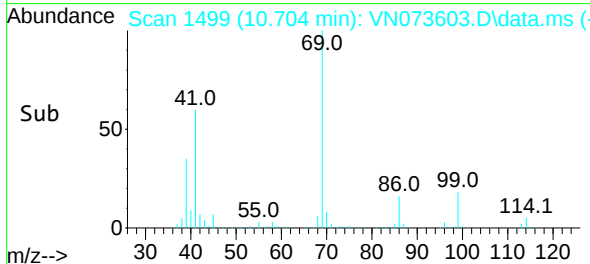
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



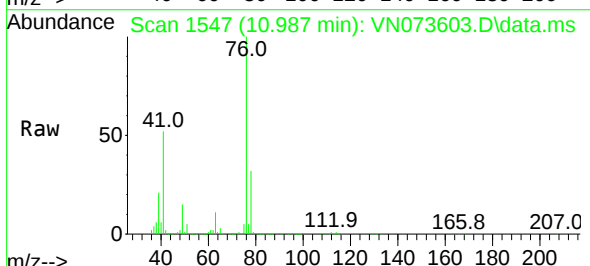
Tgt Ion: 69 Resp: 133293
Ion Ratio Lower Upper
69 100
41 60.0 33.0 98.9
39 34.9 25.4 76.4

Manual Integrations
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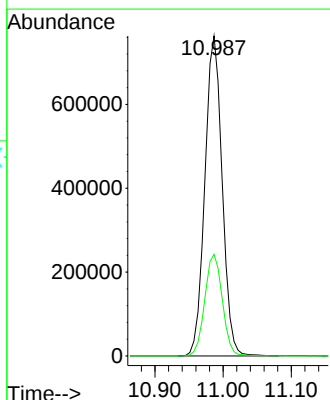
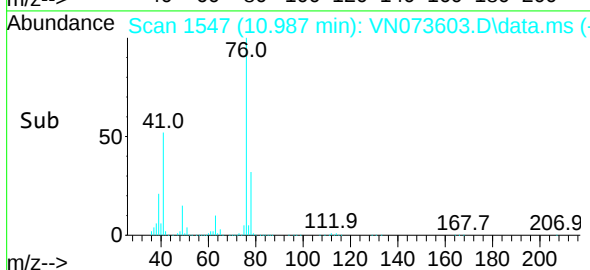
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

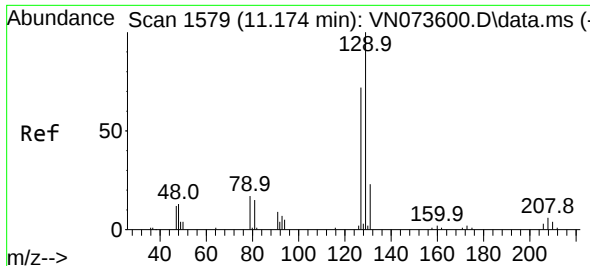


#52
1,3-Dichloropropane
Concen: 145.272 ug/l
RT: 10.987 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



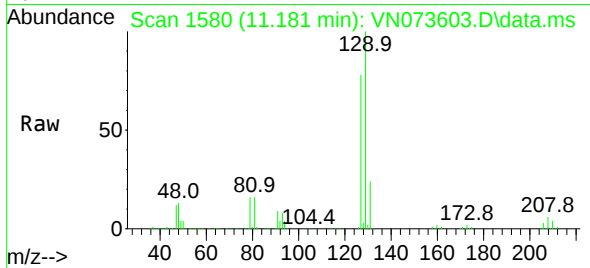
Tgt Ion: 76 Resp: 1347650
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 154.954 ug/l
RT: 11.181 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

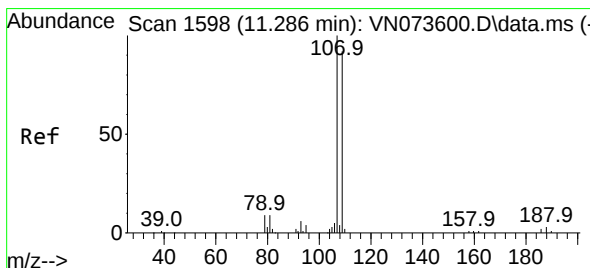
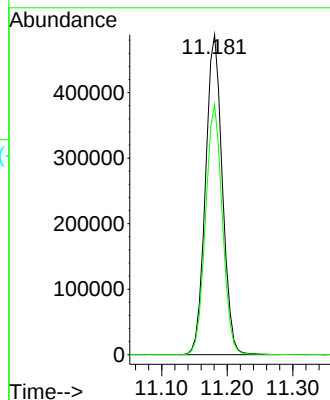
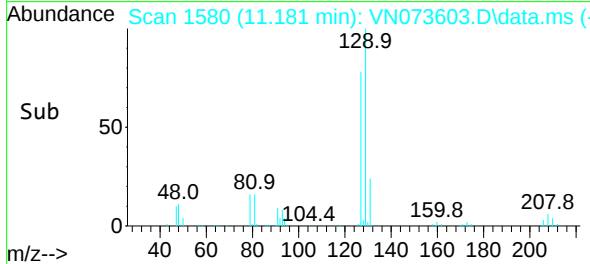
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



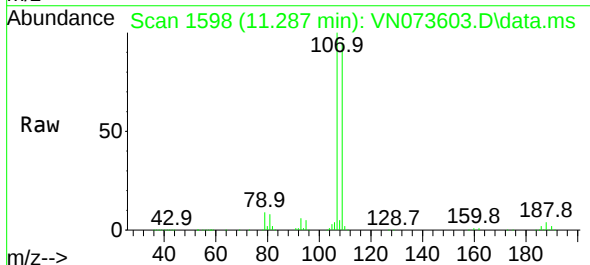
Tgt Ion:129 Resp: 87104
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

Manual Integrations
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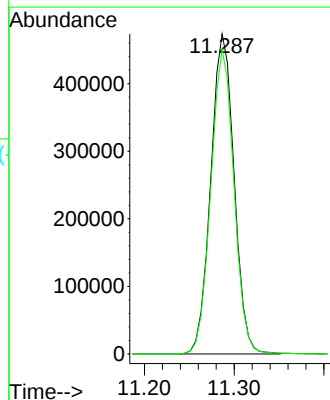
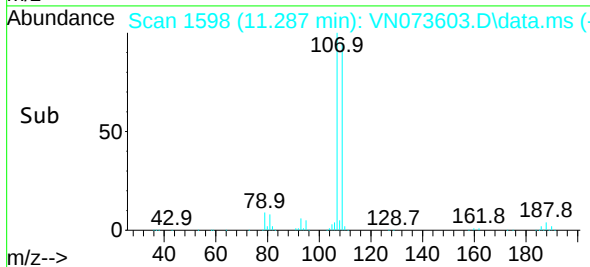
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

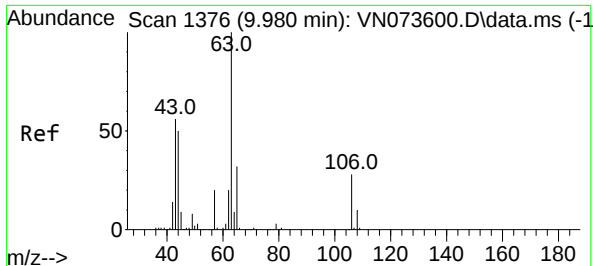


#54
1,2-Dibromoethane
Concen: 151.228 ug/l
RT: 11.287 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion:107 Resp: 853103
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 818.009 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 312600

Ion Ratio Lower Upper

63 100

65 32.3 25.4 38.0

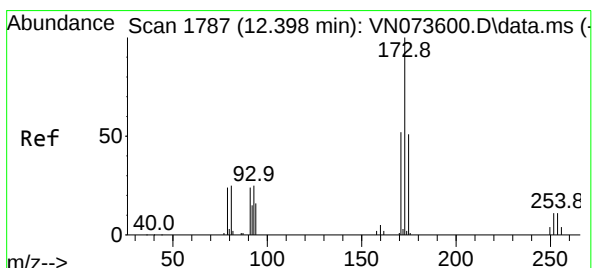
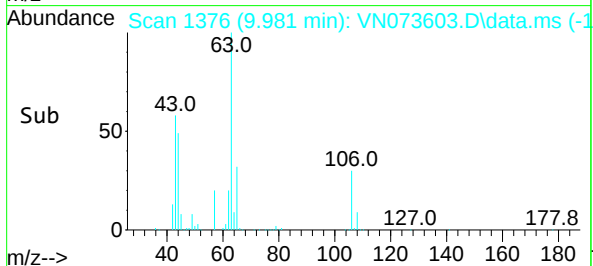
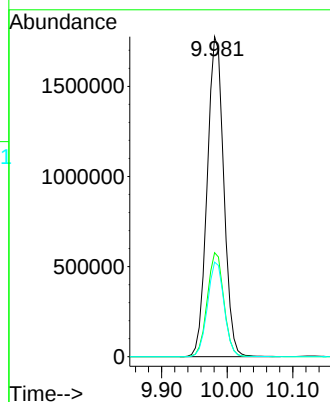
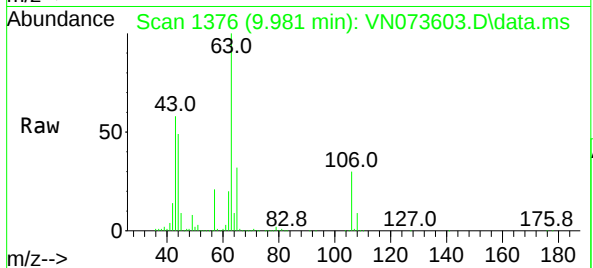
106 29.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#56

Bromoform

Concen: 175.900 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

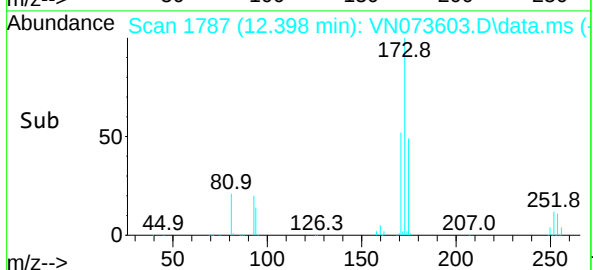
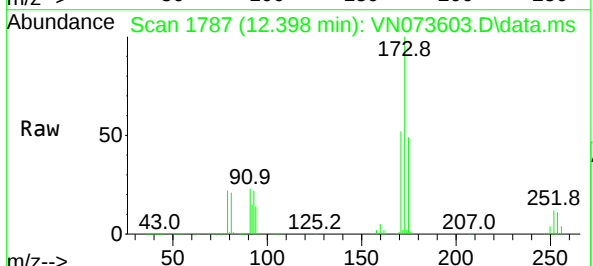
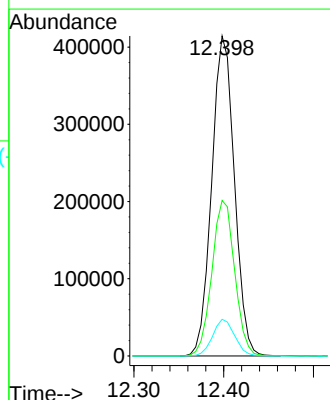
Tgt Ion:173 Resp: 728162

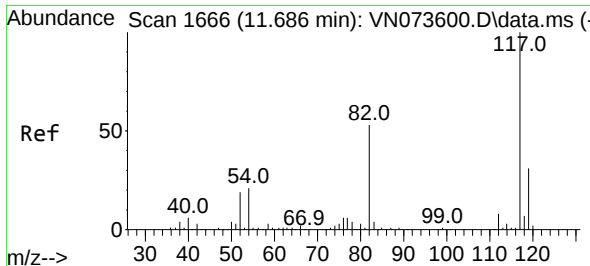
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

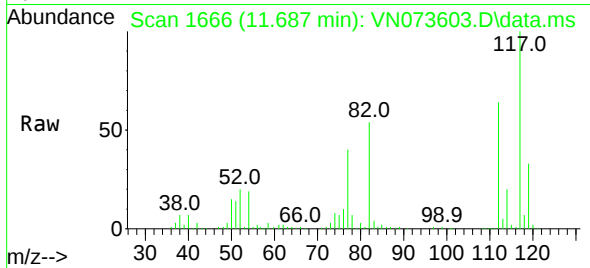
254 11.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.687 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

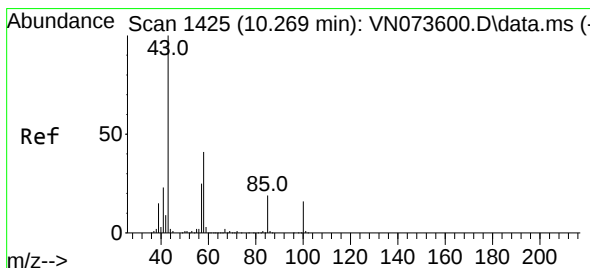
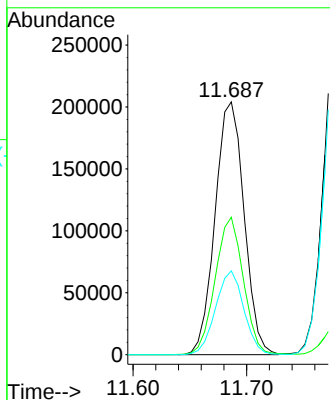
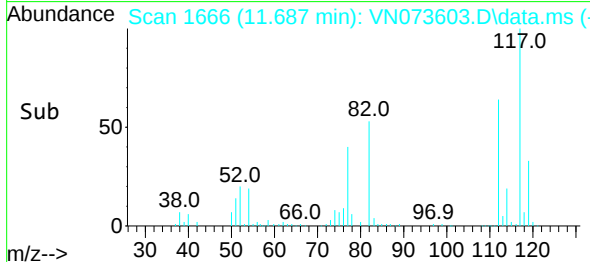
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



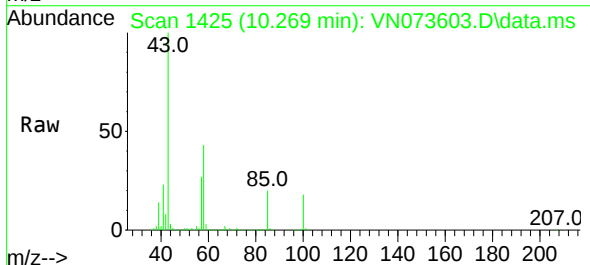
Tgt Ion:117 Resp: 362970
Ion Ratio Lower Upper
117 100
82 52.8 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations
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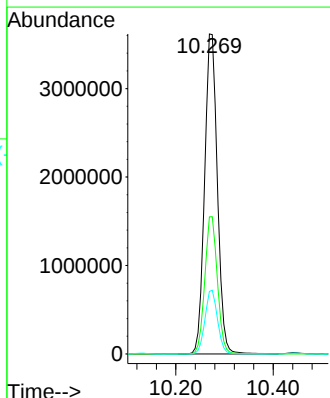
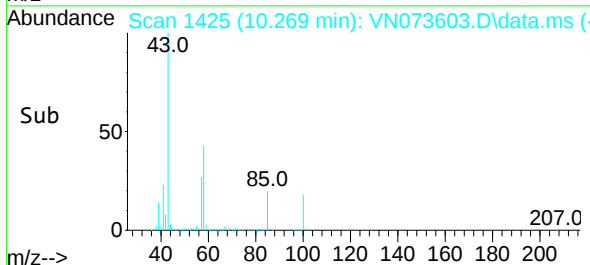
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

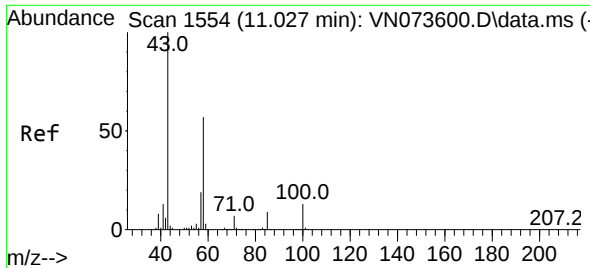


#58
4-Methyl-2-Pentanone
Concen: 634.287 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



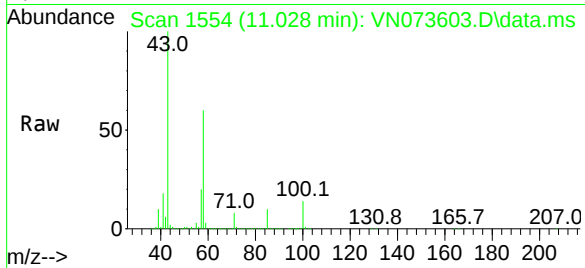
Tgt Ion: 43 Resp: 6556900
Ion Ratio Lower Upper
43 100
58 42.4 30.0 45.0
85 19.6 15.0 22.6





#59
2-Hexanone
Concen: 641.640 ug/l
RT: 11.028 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

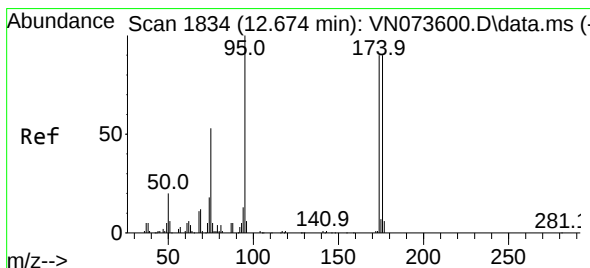
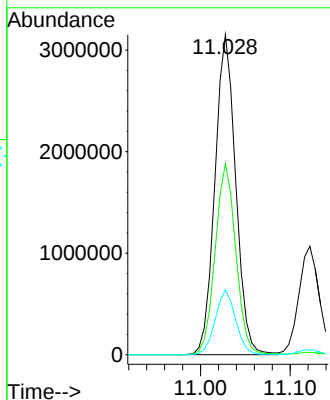
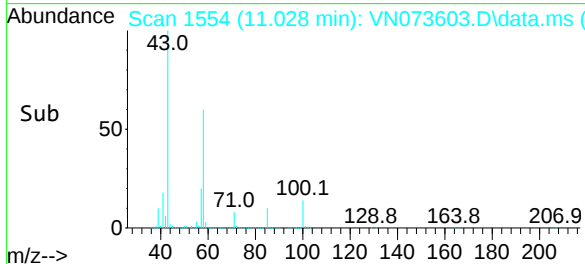
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 5071497
Ion Ratio Lower Upper
43 100
58 59.3 42.2 63.2
57 19.9 15.0 22.4

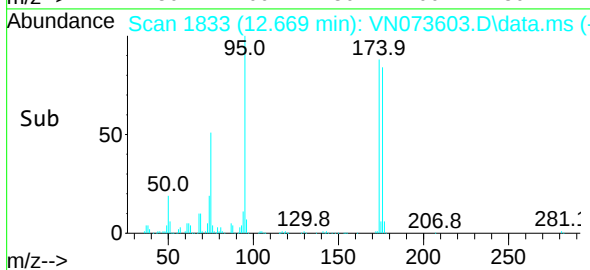
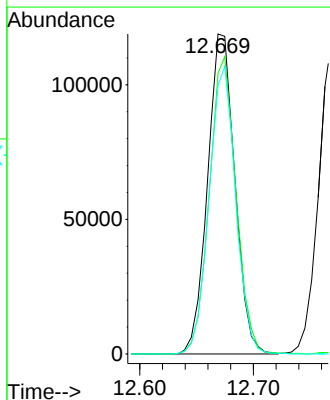
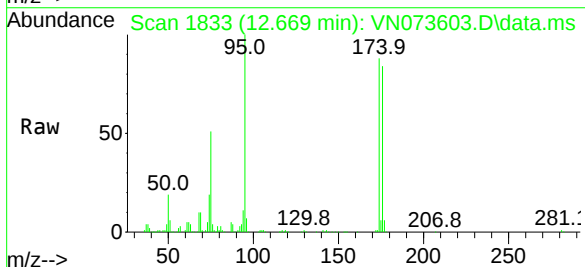
Manual Integrations
APPROVED

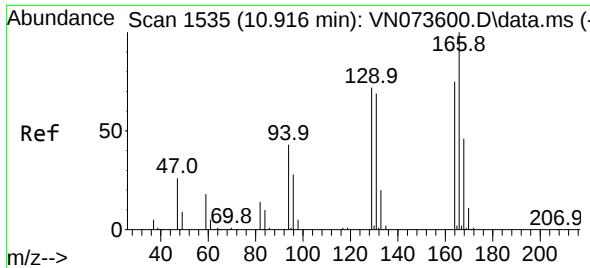
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
4-Bromofluorobenzene
Concen: 28.916 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

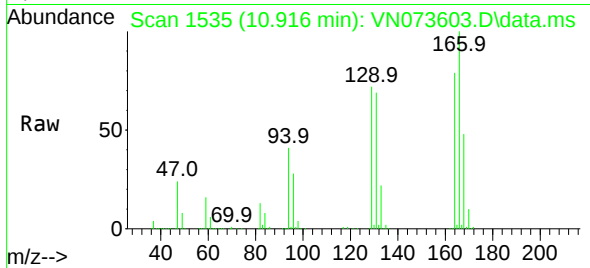
Tgt Ion: 95 Resp: 198615
Ion Ratio Lower Upper
95 100
174 91.0 62.9 94.3
176 87.2 61.0 91.4





#61
Tetrachloroethene
Concen: 157.976 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

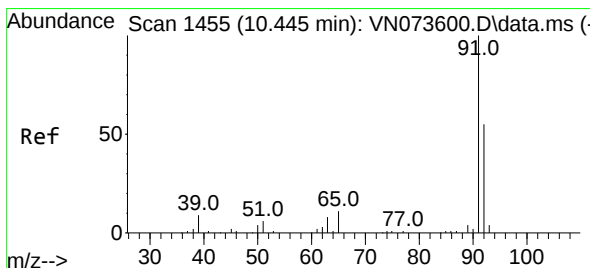
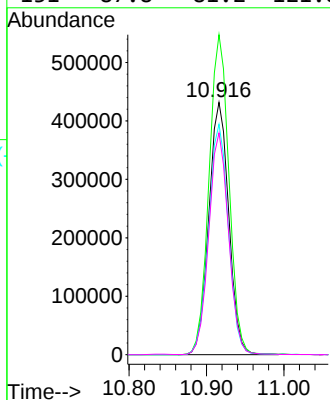
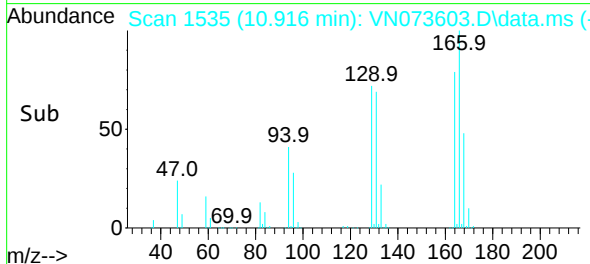
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



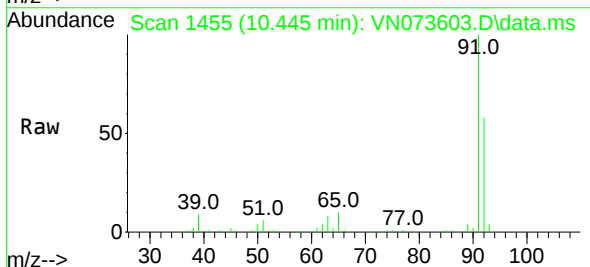
Tgt Ion:164 Resp: 771504
Ion Ratio Lower Upper
164 100
166 126.8 105.8 158.8
129 91.3 82.5 123.7
131 87.8 81.2 121.8

Manual Integrations
APPROVED

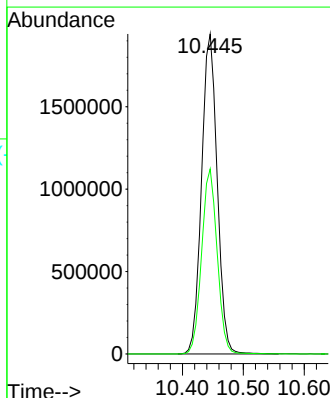
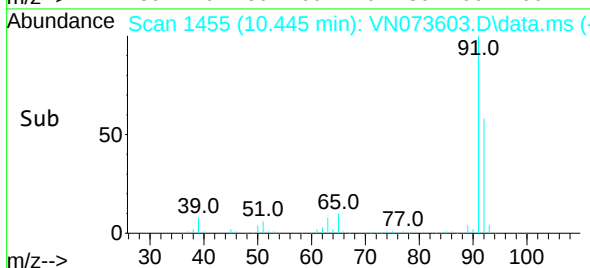
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

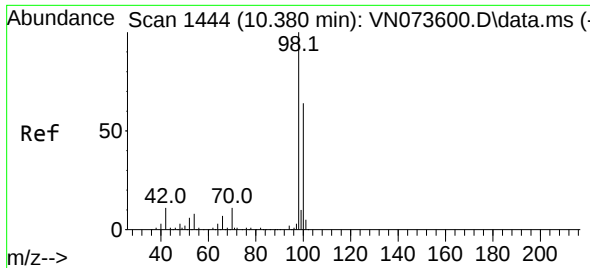


#62
Toluene
Concen: 142.421 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



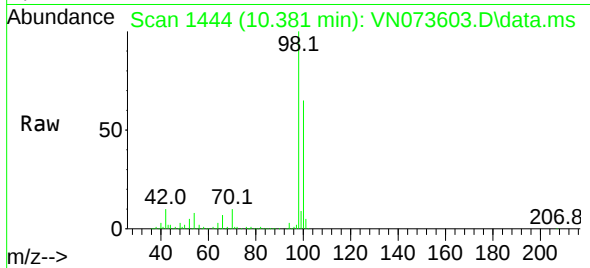
Tgt Ion: 91 Resp: 3466441
Ion Ratio Lower Upper
91 100
92 57.5 44.6 67.0





#63
Toluene-d8
Concen: 29.311 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

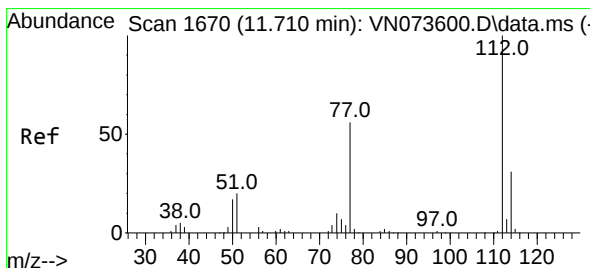
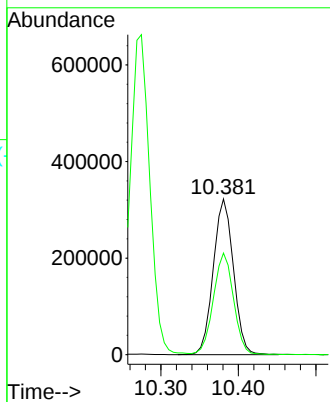
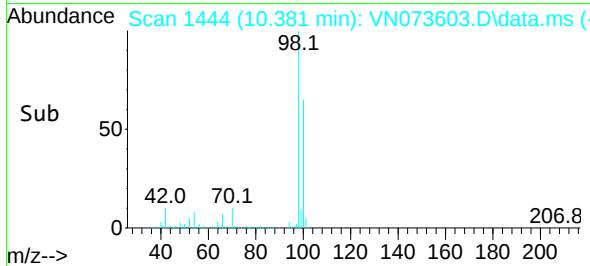
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 58356
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

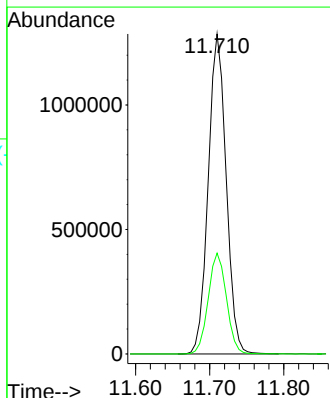
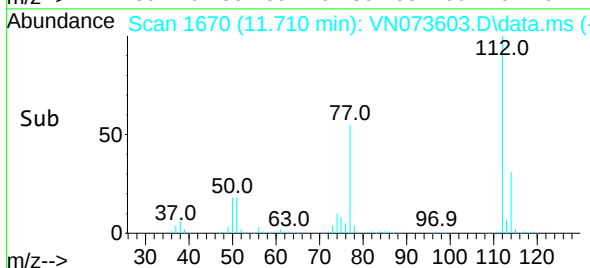
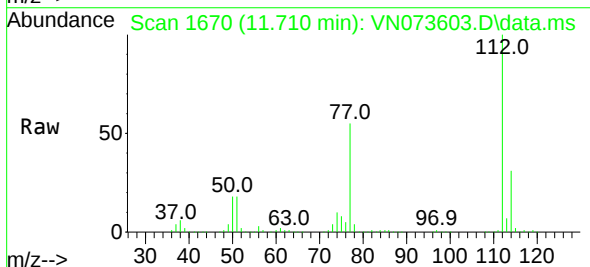
Manual Integrations
APPROVED

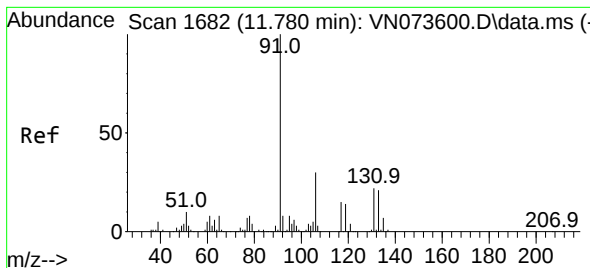
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Chlorobenzene
Concen: 148.292 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

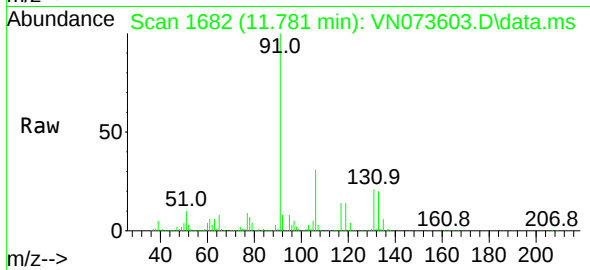
Tgt Ion:112 Resp: 2160185
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 147.592 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

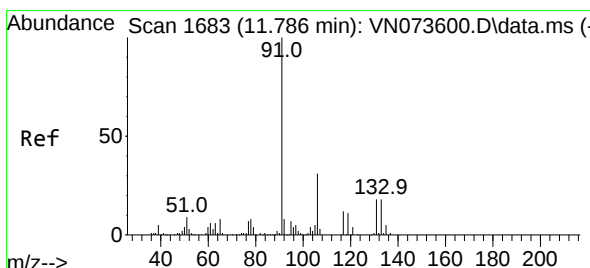
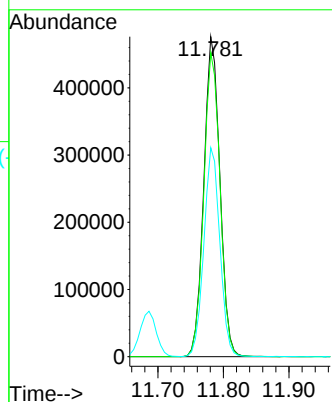
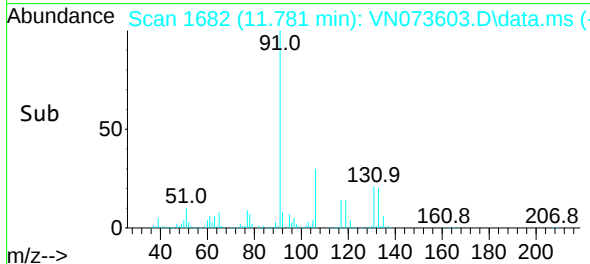
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 814250
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.2
119 64.9 0.0 128.8

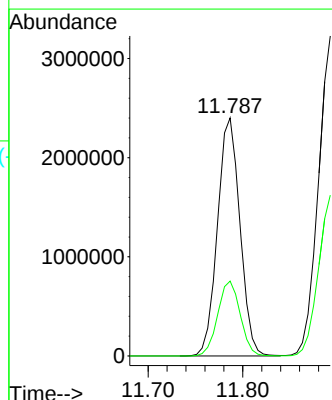
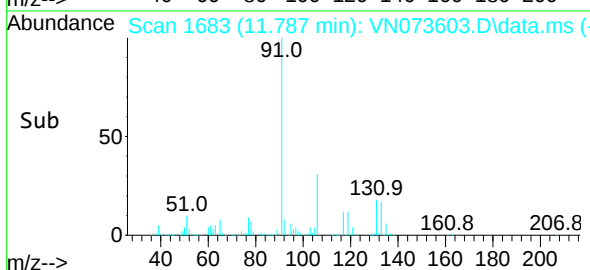
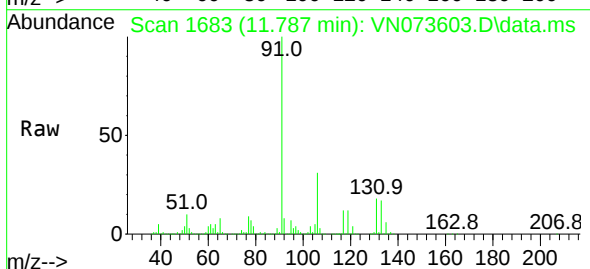
Manual Integrations
APPROVED

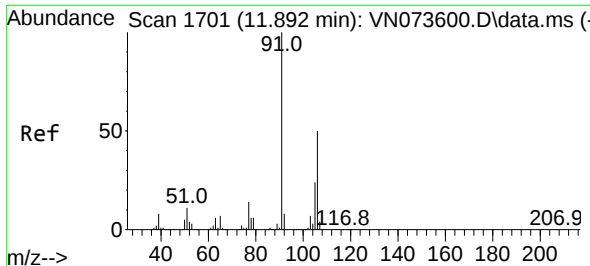
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 148.707 ug/l
RT: 11.787 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

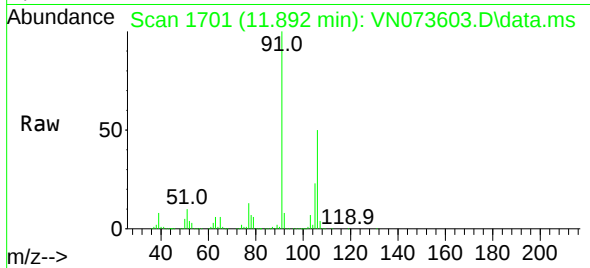
Tgt Ion: 91 Resp: 3959321
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0





#67
m/p-Xylenes
Concen: 304.620 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

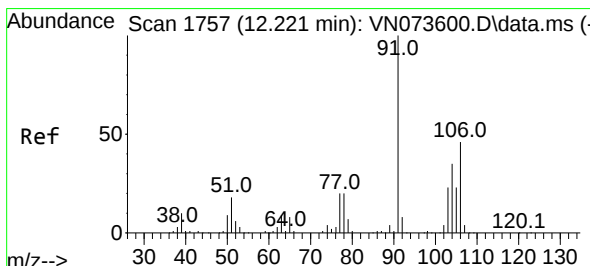
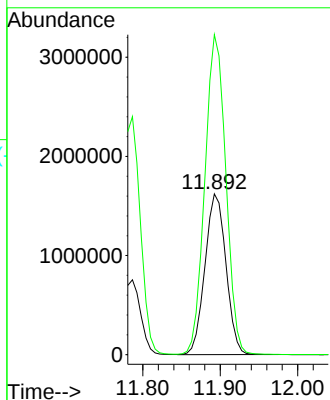
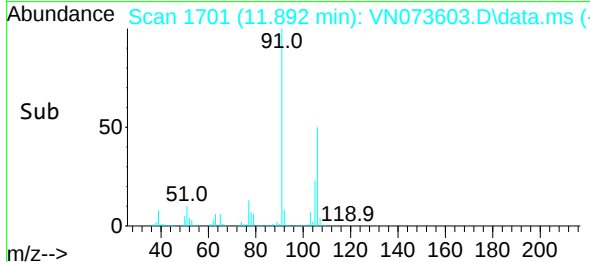
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



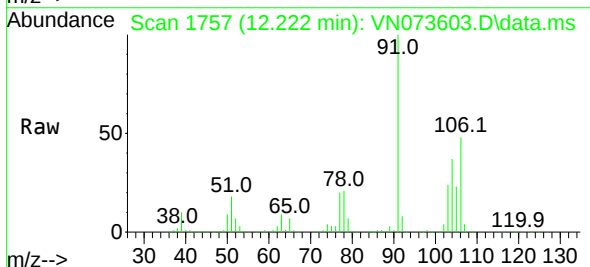
Tgt Ion:106 Resp: 3054529
Ion Ratio Lower Upper
106 100
91 199.1 162.9 244.3

Manual Integrations
APPROVED

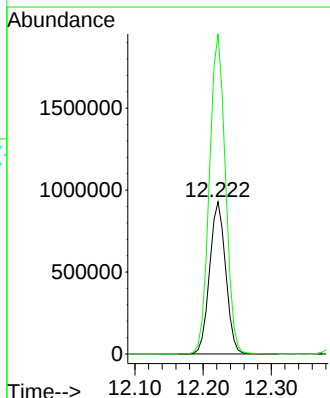
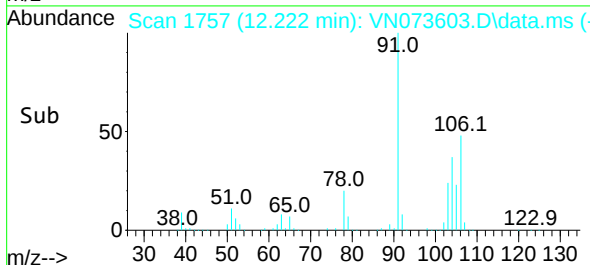
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

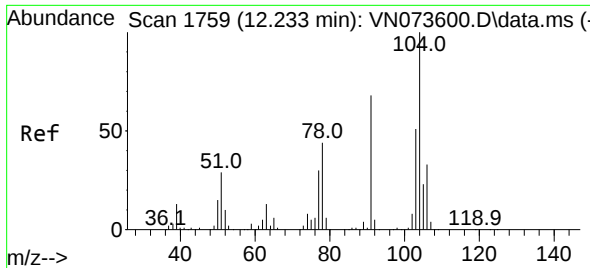


#68
o-Xylene
Concen: 151.376 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



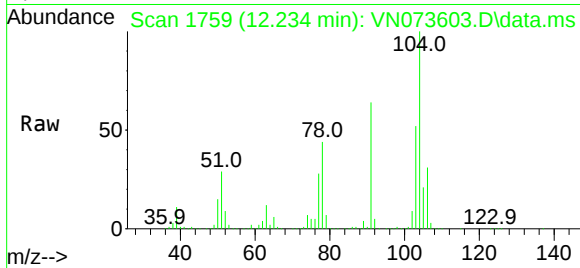
Tgt Ion:106 Resp: 1519932
Ion Ratio Lower Upper
106 100
91 210.3 107.7 323.1





#69
Styrene
Concen: 158.569 ug/l
RT: 12.234 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

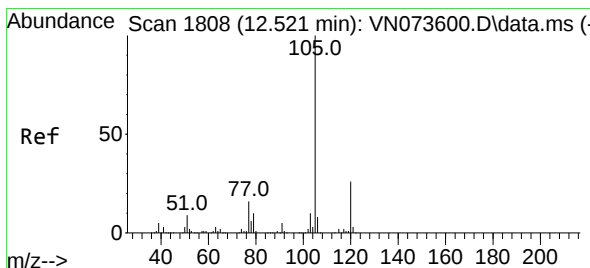
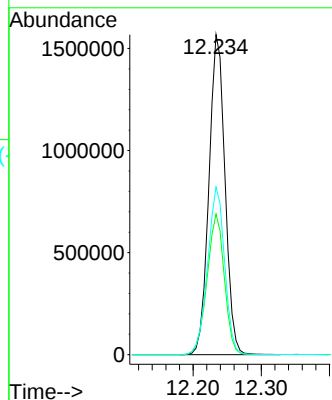
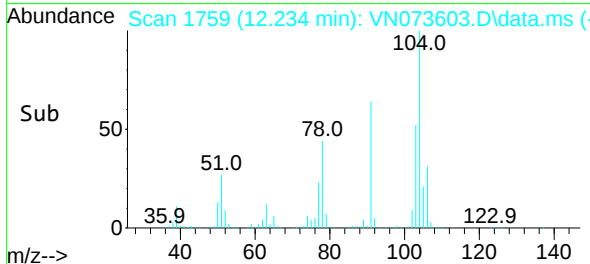
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



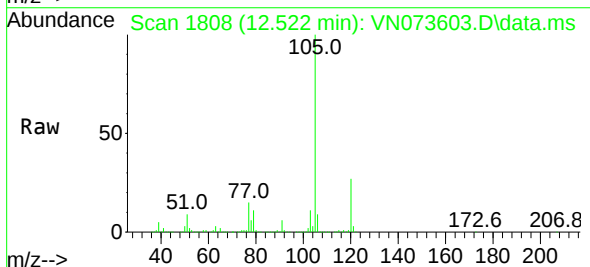
Tgt Ion:104 Resp: 257316
Ion Ratio Lower Upper
104 100
78 47.2 40.7 61.1
103 55.6 45.8 68.8

Manual Integrations
APPROVED

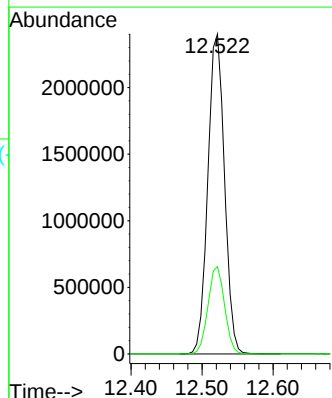
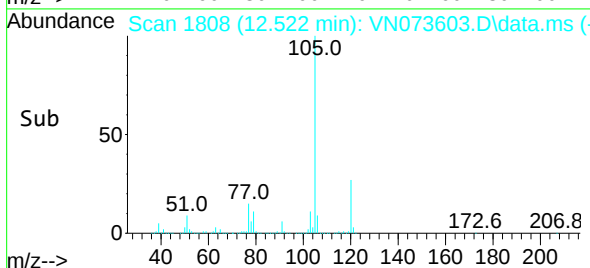
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

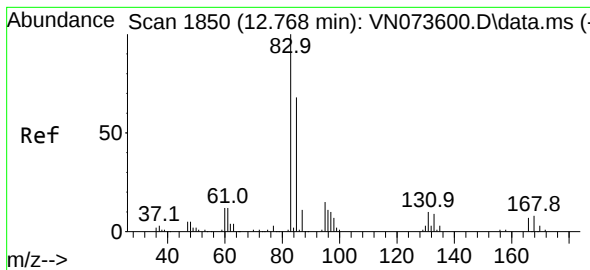


#70
Isopropylbenzene
Concen: 151.888 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion:105 Resp: 3916399
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1





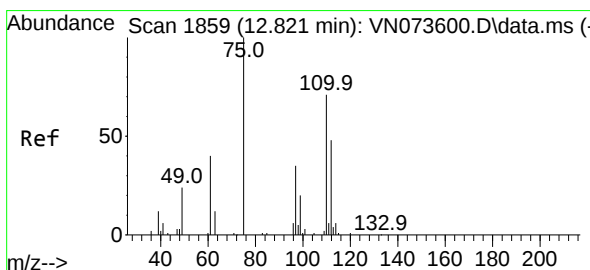
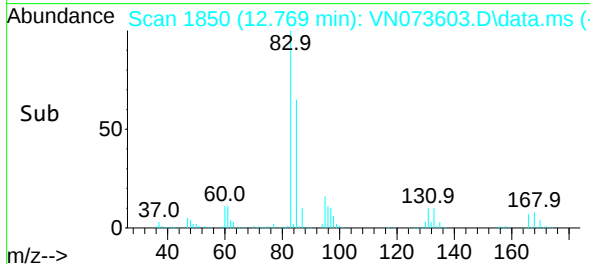
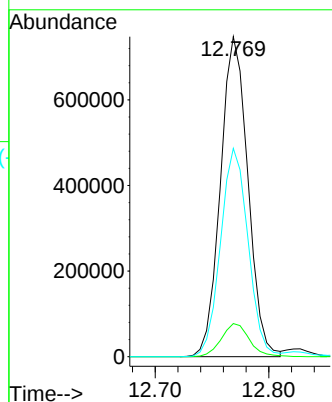
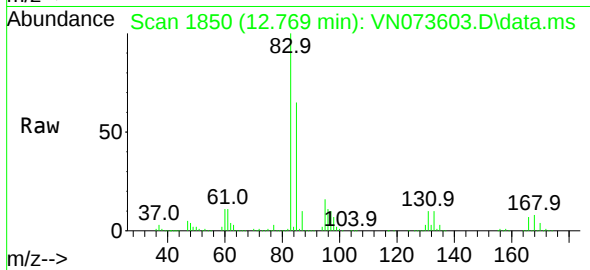
#71
1,1,2,2-Tetrachloroethane
Concen: 139.746 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 125590
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.3 33.1 99.2

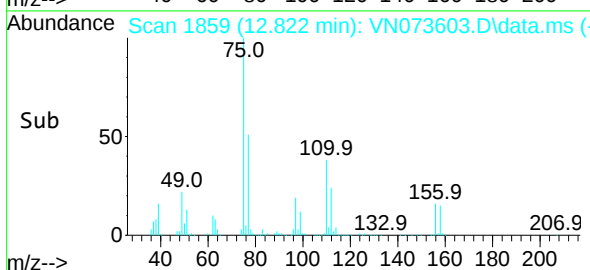
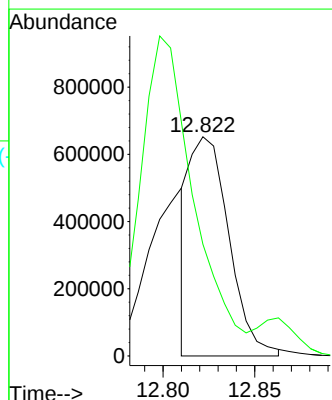
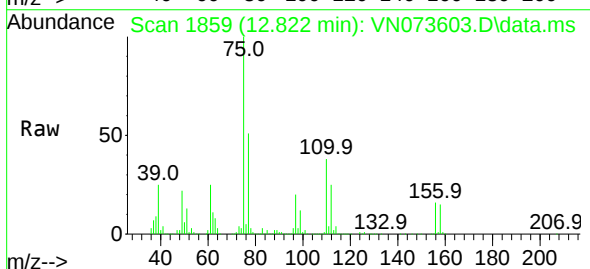
Manual Integrations
APPROVED

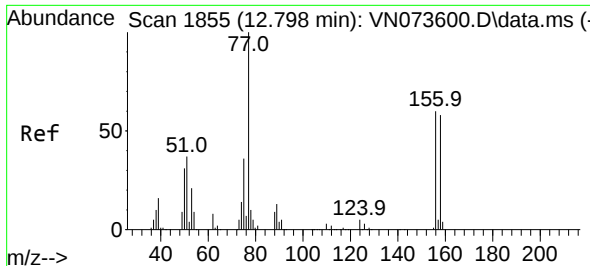
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,2,3-Trichloropropane
Concen: 138.000 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

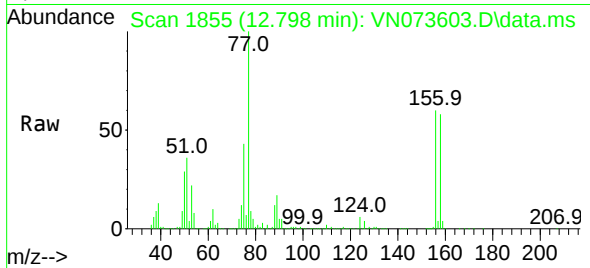
Tgt Ion: 75 Resp: 973217
Ion Ratio Lower Upper
75 100
77 198.4 0.0 378.0





#73
Bromobenzene
Concen: 160.874 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

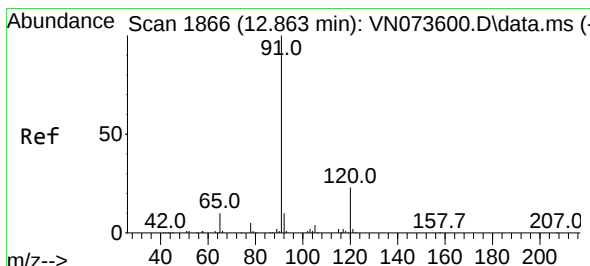
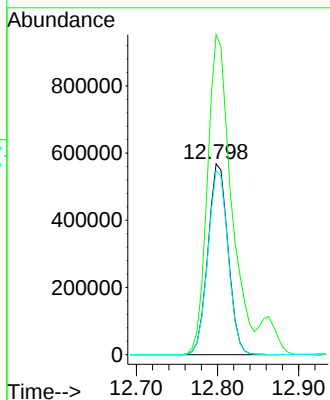
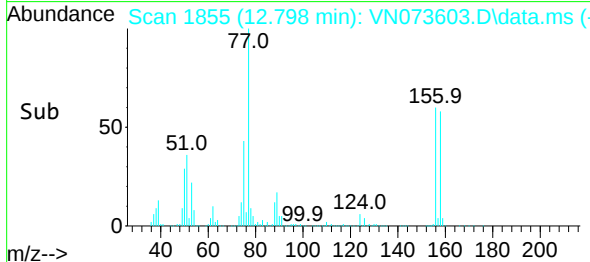
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



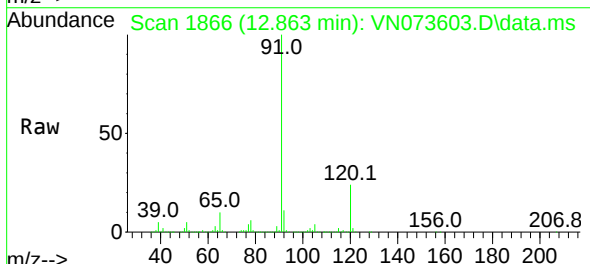
Tgt Ion:156 Resp: 977552
Ion Ratio Lower Upper
156 100
77 197.5 0.0 416.0
158 96.7 0.0 195.4

Manual Integrations
APPROVED

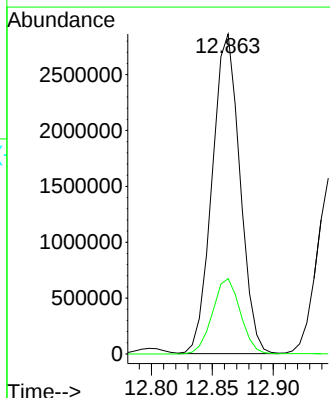
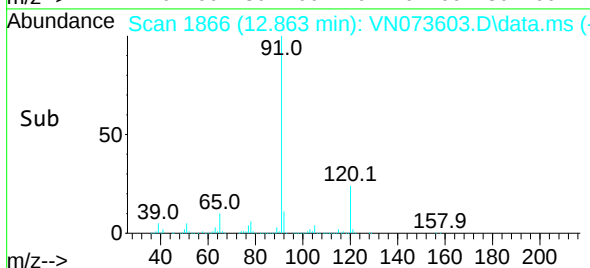
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

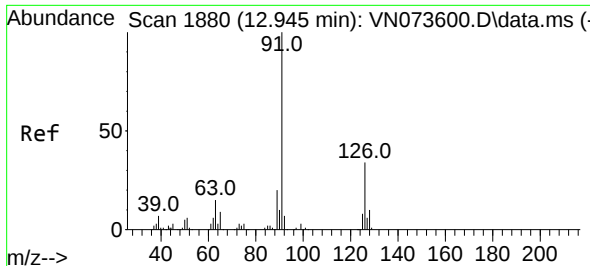


#74
n-propylbenzene
Concen: 154.089 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion: 91 Resp: 4542932
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.0





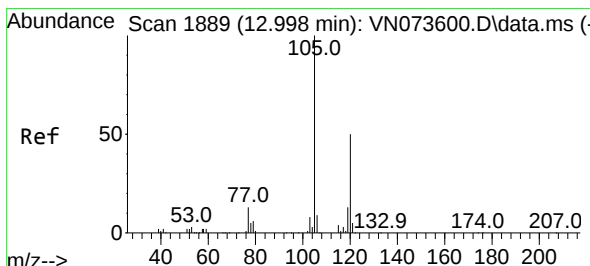
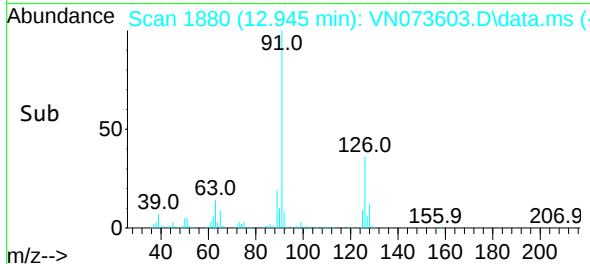
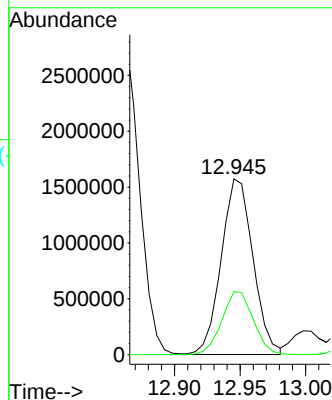
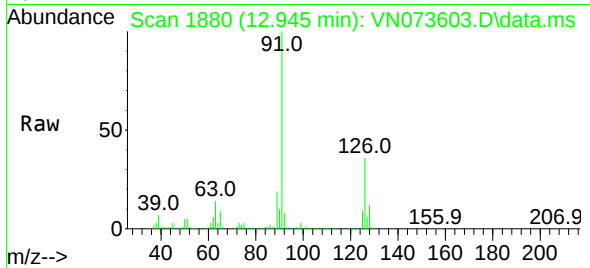
#75
2-Chlorotoluene
Concen: 145.043 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2653010
Ion Ratio Lower Upper
91 100
126 35.5 0.0 69.8

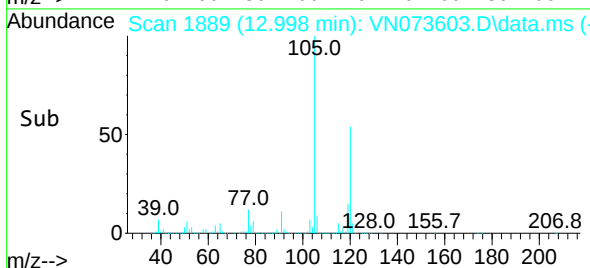
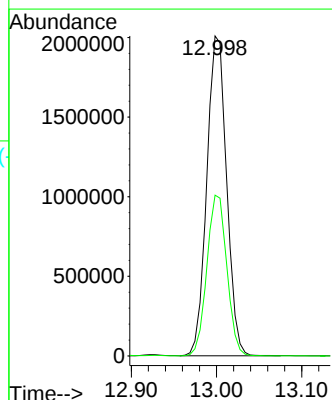
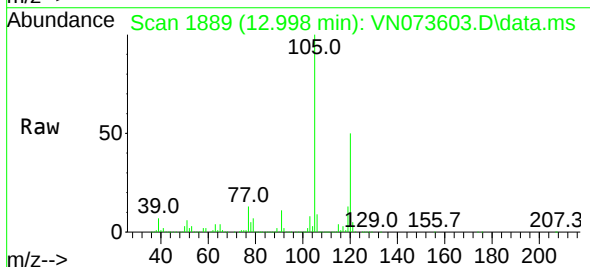
Manual Integrations
APPROVED

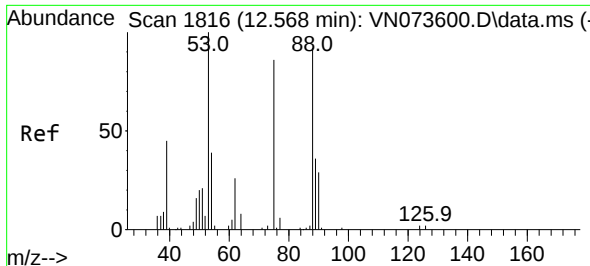
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 150.422 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

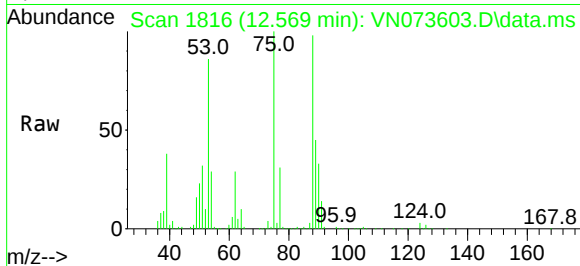
Tgt Ion:105 Resp: 3244782
Ion Ratio Lower Upper
105 100
120 50.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 198.670 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

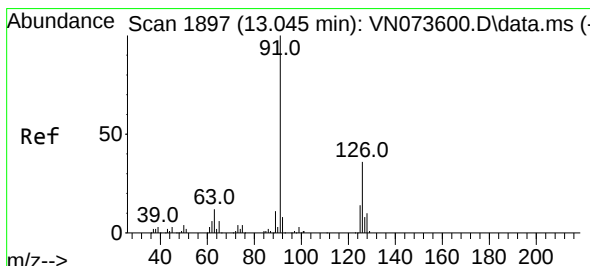
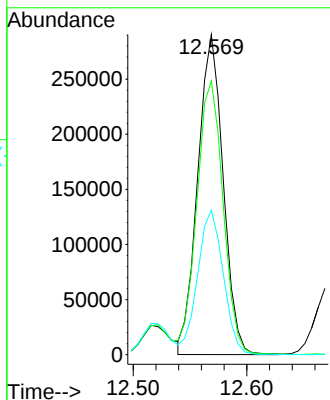
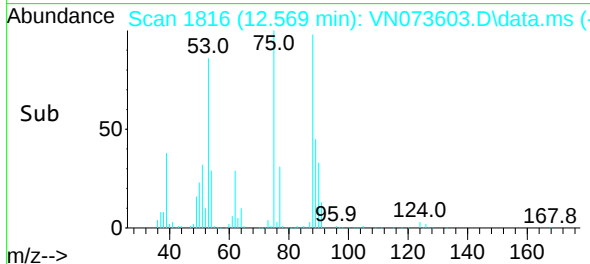
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



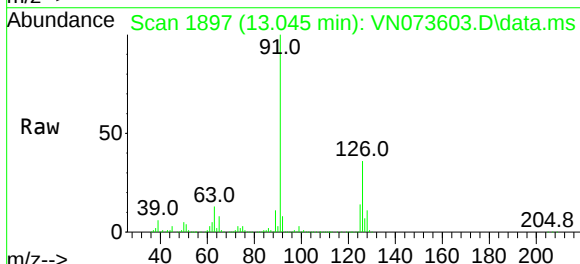
Tgt Ion: 75 Resp: 45192
Ion Ratio Lower Upper
75 100
53 85.5 51.8 155.5
89 45.2 22.9 68.7

Manual Integrations
APPROVED

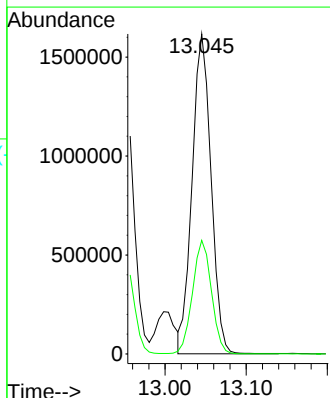
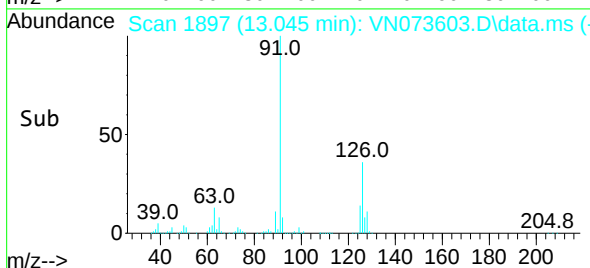
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

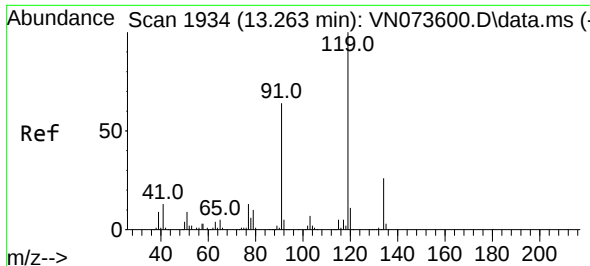


#78
4-Chlorotoluene
Concen: 149.013 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



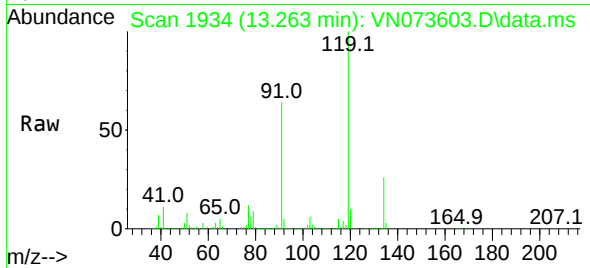
Tgt Ion: 91 Resp: 2617538
Ion Ratio Lower Upper
91 100
126 35.6 0.0 70.6





#79
tert-butylbenzene
Concen: 152.972 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

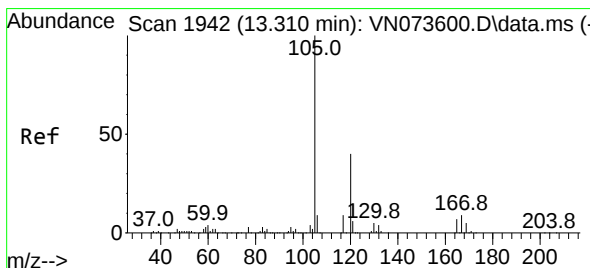
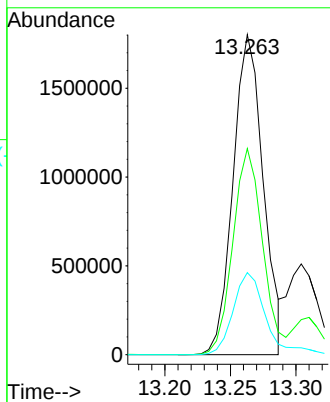
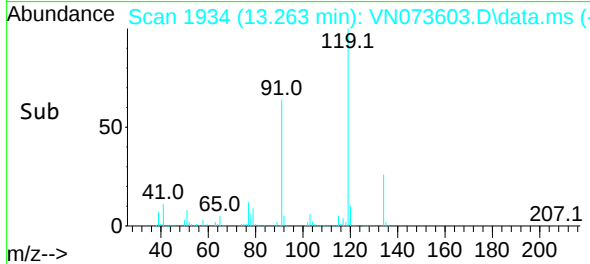
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



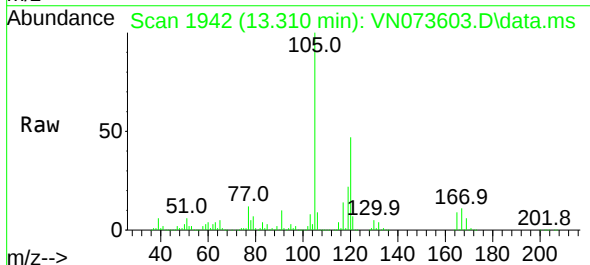
Tgt Ion:119 Resp: 2884722
Ion Ratio Lower Upper
119 100
91 63.6 0.0 137.0
134 26.4 0.0 47.6

Manual Integrations
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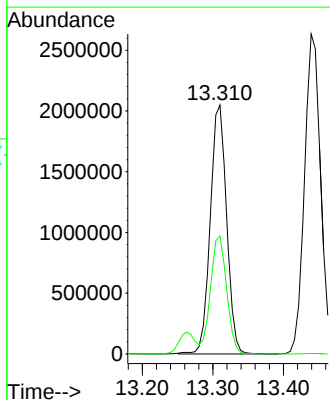
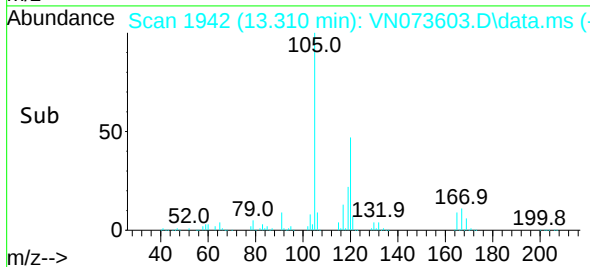
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

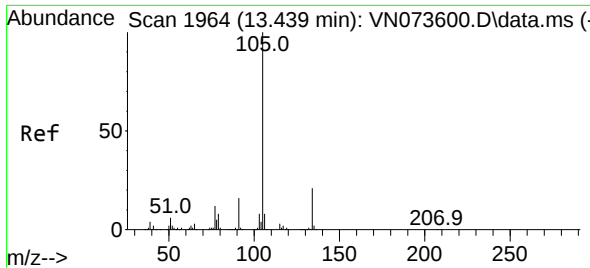


#80
1,2,4-Trimethylbenzene
Concen: 155.812 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



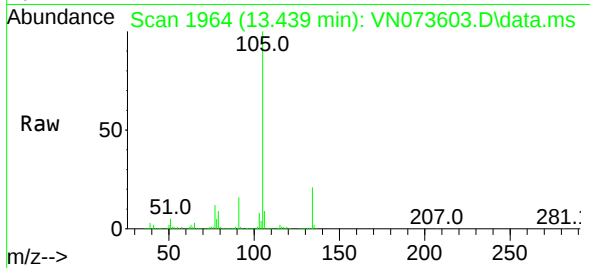
Tgt Ion:105 Resp: 3295722
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 161.325 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07

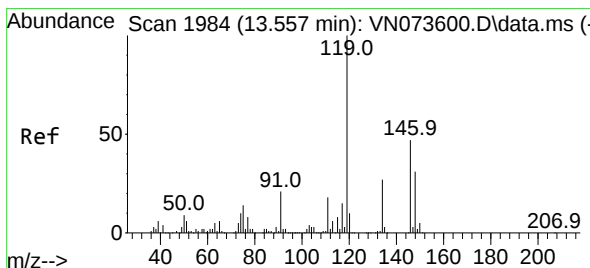
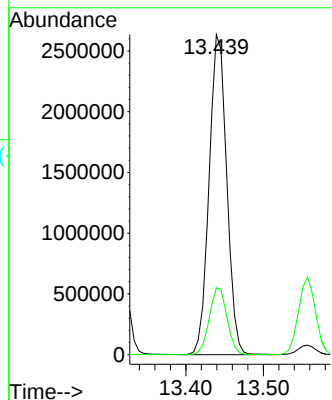
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



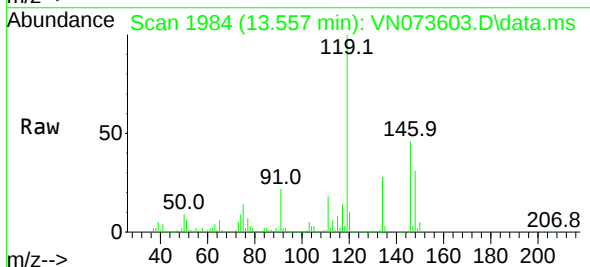
Tgt Ion:105 Resp: 415836
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

Manual Integrations
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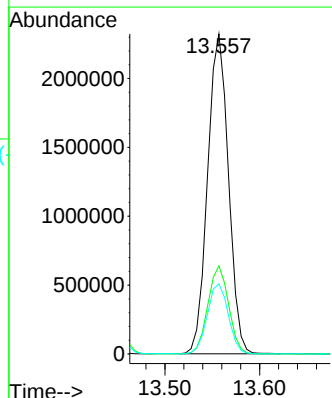
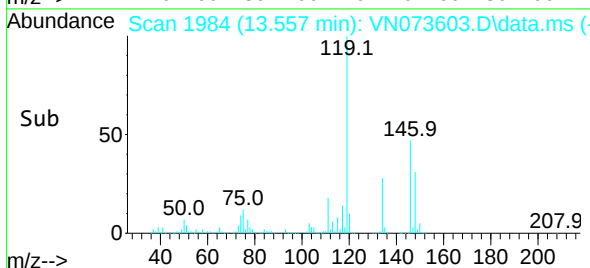
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

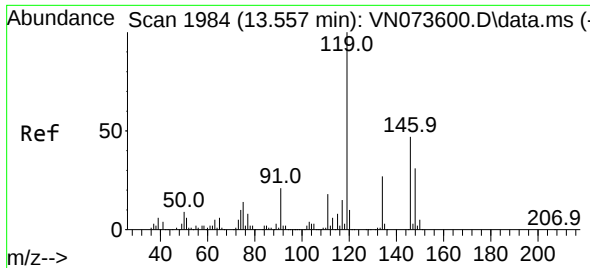


#82
 p-Isopropyltoluene
 Concen: 169.730 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073603.D
 Acq: 27 Jul 2022 13:07



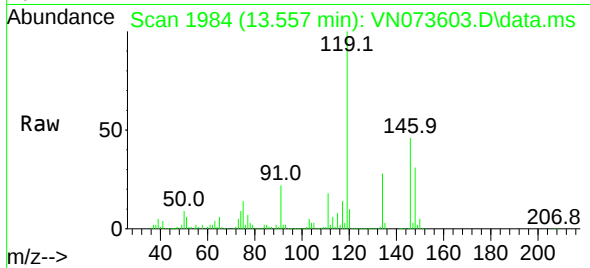
Tgt Ion:119 Resp: 3549006
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 51.8
 91 22.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 169.037 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

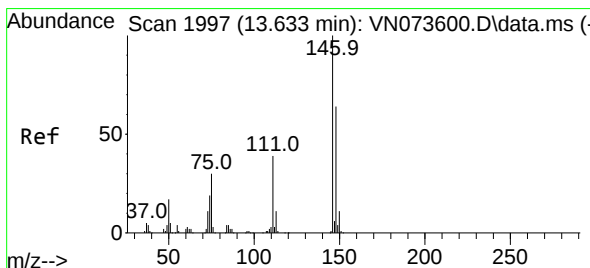
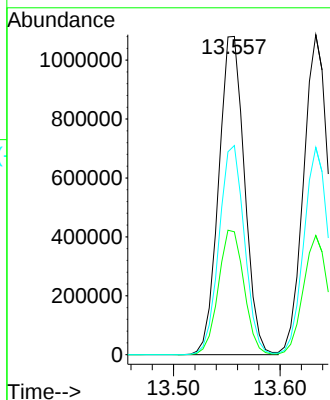
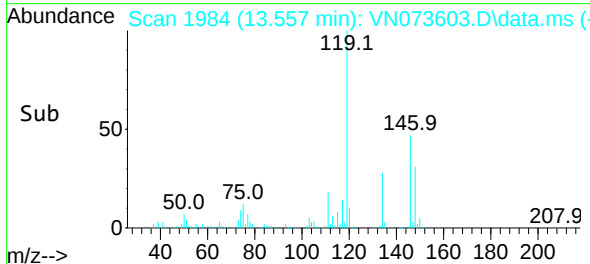
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 1819478
Ion Ratio Lower Upper
146 100
111 38.7 20.8 62.2
148 64.5 31.4 94.3

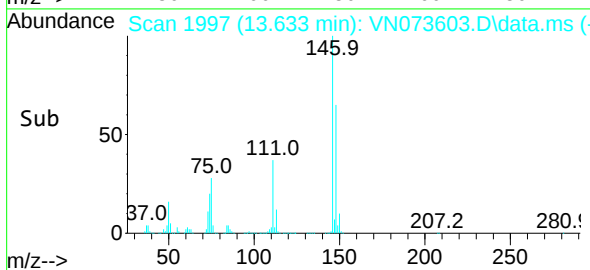
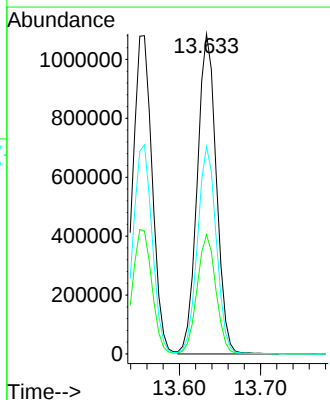
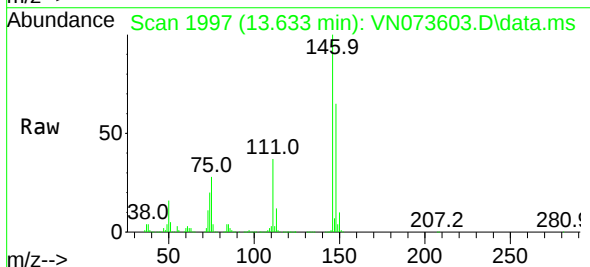
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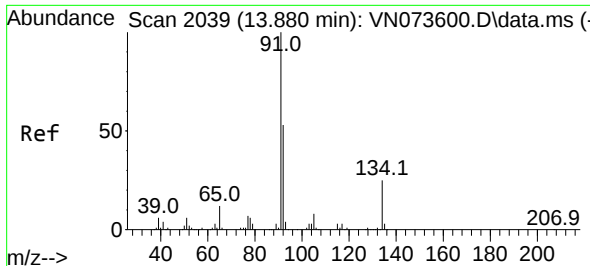
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,4-Dichlorobenzene
Concen: 165.735 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

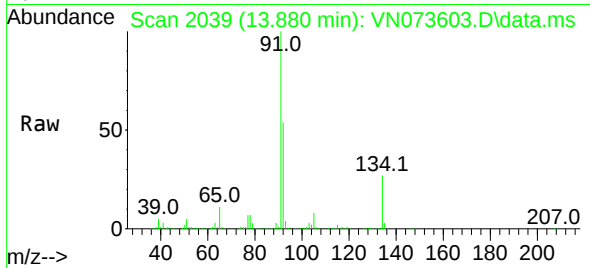
Tgt Ion:146 Resp: 1775077
Ion Ratio Lower Upper
146 100
111 36.3 19.5 58.5
148 63.7 31.1 93.5





#85
n-Butylbenzene
Concen: 176.394 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

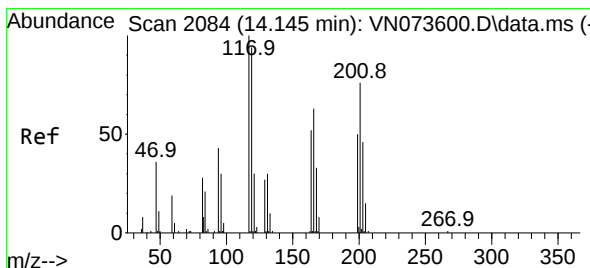
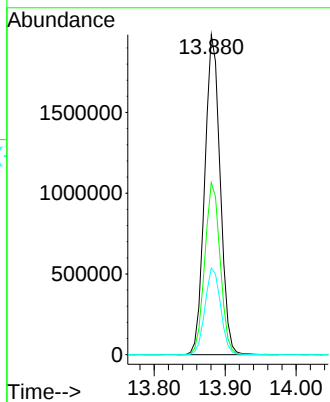
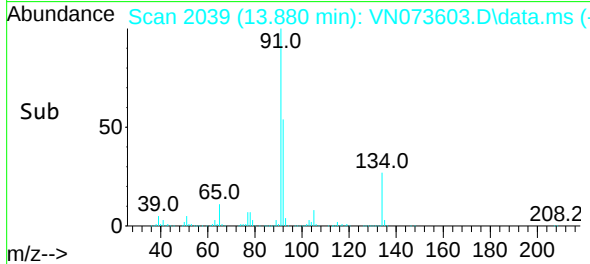
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 300831
Ion Ratio Lower Upper
91 100
92 53.6 0.0 100.6
134 27.4 0.0 50.2

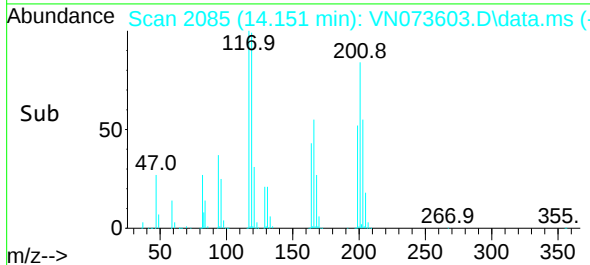
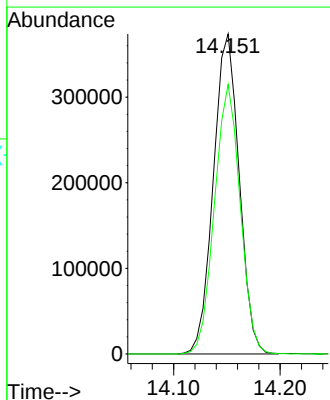
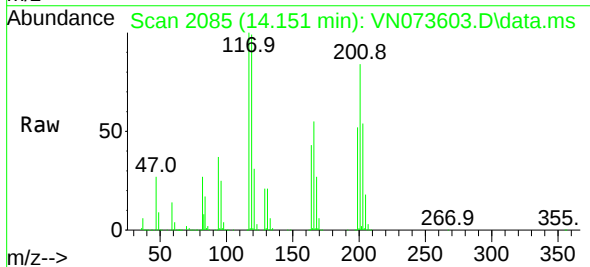
Manual Integrations
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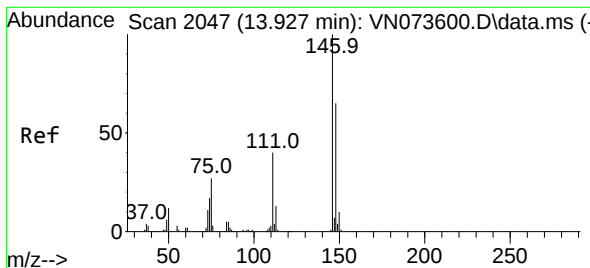
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#86
Hexachloroethane
Concen: 154.222 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

Tgt Ion:117 Resp: 628453
Ion Ratio Lower Upper
117 100
201 83.8 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 159.796 ug/l

RT: 13.928 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN073603.D

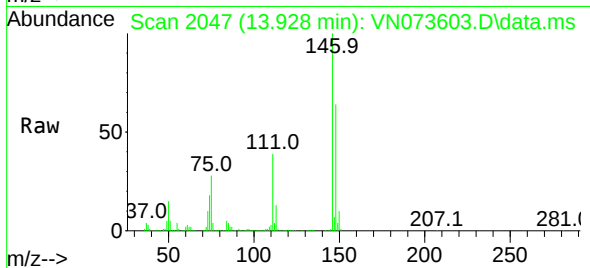
Acq: 27 Jul 2022 13:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion:146 Resp: 180138

Ion Ratio Lower Upper

146 100

111 39.0 21.4 64.2

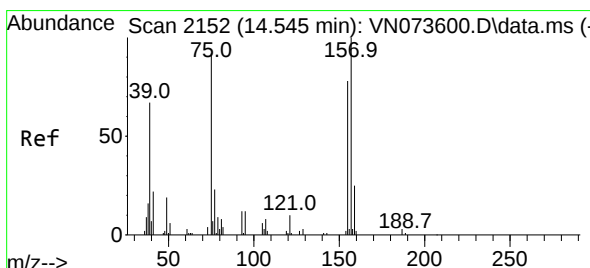
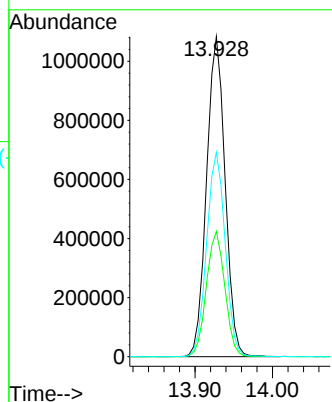
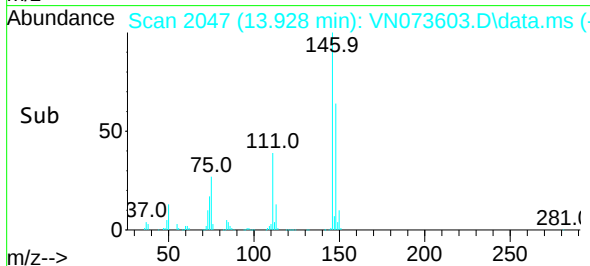
148 64.0 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 138.743 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.006 min

Lab File: VN073603.D

Acq: 27 Jul 2022 13:07

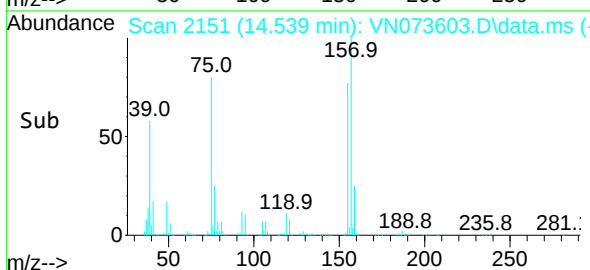
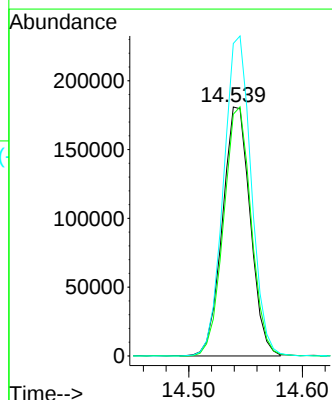
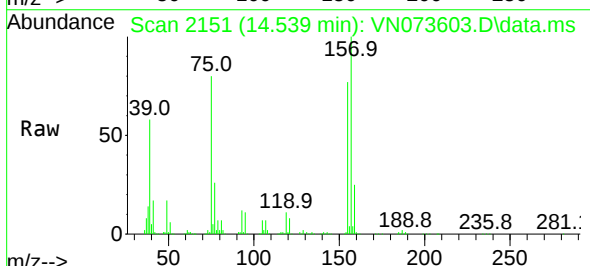
Tgt Ion: 75 Resp: 307926

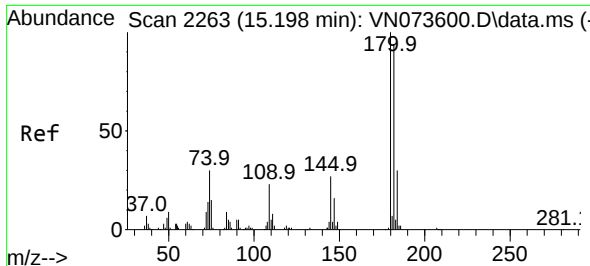
Ion Ratio Lower Upper

75 100

155 98.9 63.8 95.8#

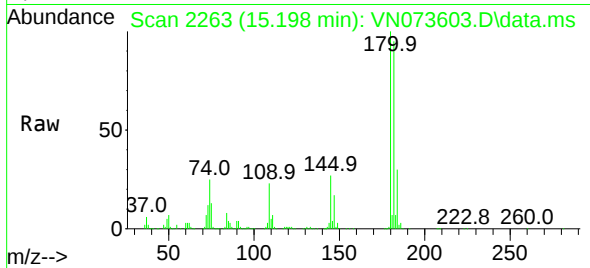
157 127.8 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 194.045 ug/l
RT: 15.198 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

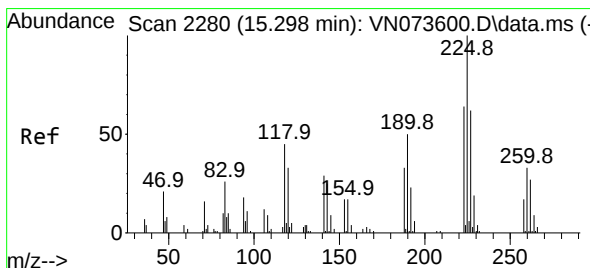
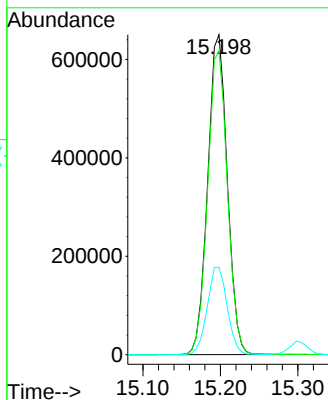
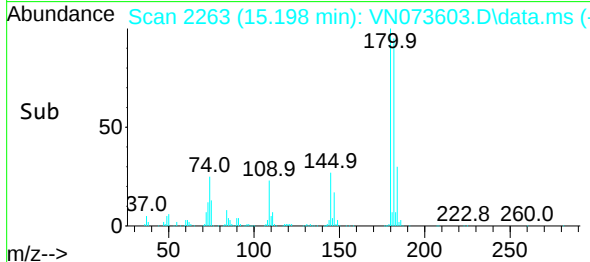
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



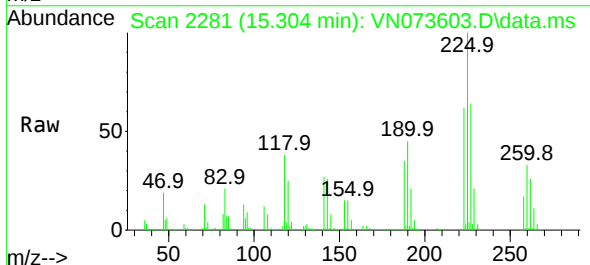
Tgt Ion:180 Resp: 1141028
Ion Ratio Lower Upper
180 100
182 96.0 77.7 116.5
145 27.9 26.6 39.8

Manual Integrations
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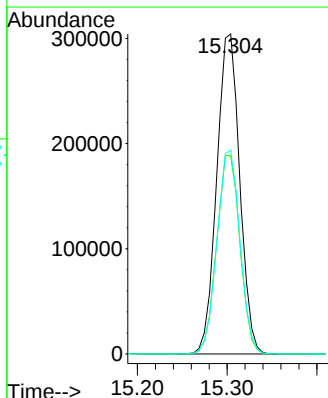
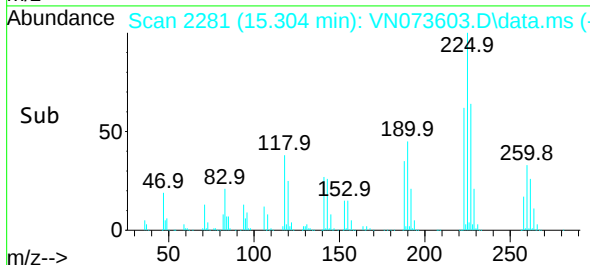
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

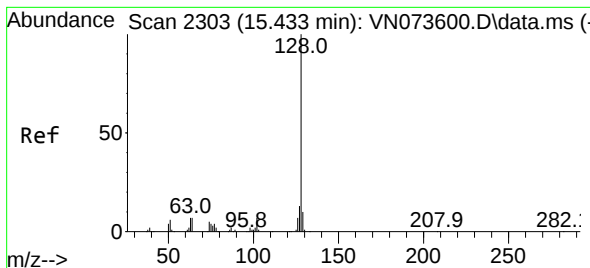


#90
Hexachlorobutadiene
Concen: 214.774 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



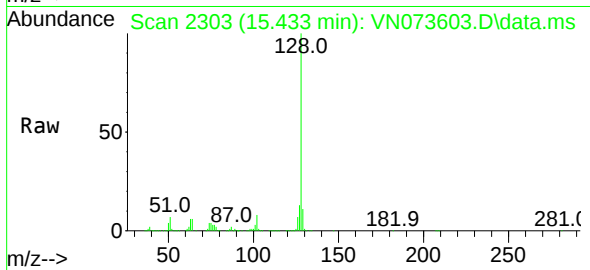
Tgt Ion:225 Resp: 541162
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.8
227 63.9 0.0 123.0





#91
Naphthalene
Concen: 168.792 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07

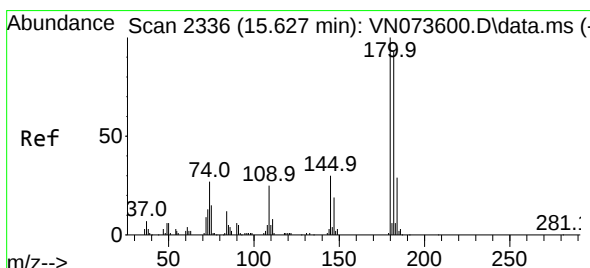
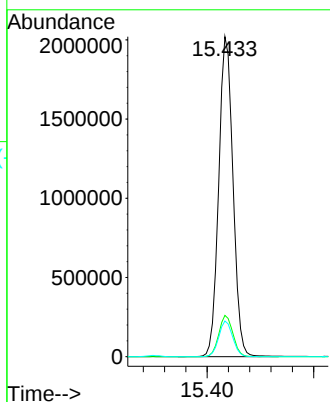
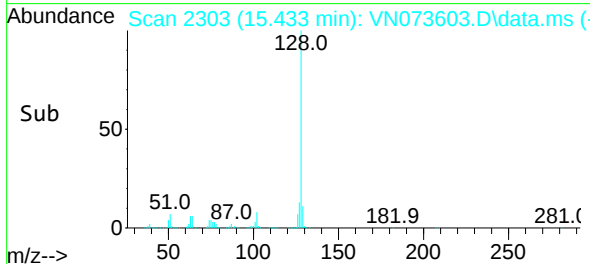
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



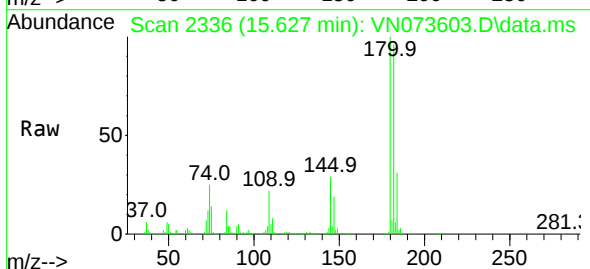
Tgt Ion:128 Resp: 375494
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 188.166 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073603.D
Acq: 27 Jul 2022 13:07



Tgt Ion:180 Resp: 1135165
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.0
145 29.6 0.0 67.8

