

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073600.D
 Acq On : 27 Jul 2022 11:55
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 13:10:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 13:09:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	51811	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	268349	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	253000	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	139531	28.455	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.867%		
60) 4-Bromofluorobenzene	12.674	95	132055	27.583	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.933%		
63) Toluene-d8	10.380	98	442810	31.908	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	106.367%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	70735	18.032	ug/l	98
3) Chloromethane	2.269	50	97687	23.995	ug/l	100
4) Vinyl Chloride	2.404	62	115367	29.559	ug/l	98
5) Bromomethane	2.810	94	67204	43.962	ug/l	98
6) Chloroethane	2.975	64	78900	31.866	ug/l	97
7) Trichlorofluoromethane	3.322	101	111181	18.042	ug/l	97
8) Diethyl Ether	3.763	74	42958	17.296	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	66696	19.313	ug/l #	69
10) 1,1-Dichloroethene	4.116	96	62750	18.037	ug/l	96
11) Methyl Iodide	4.351	142	67928	19.596	ug/l	91
12) Methyl Acetate	4.781	43	109412	15.531	ug/l	94
13) Acrolein	3.981	56	96954	123.133	ug/l	95
14) Acrylonitrile	5.475	53	257096	92.605	ug/l	96
15) Acetone	4.228	58	70238	92.582	ug/l	87
16) Carbon Disulfide	4.457	76	171428	18.423	ug/l	97
17) Allyl chloride	4.763	41	103742	15.965	ug/l	89
18) Methylene Chloride	5.016	84	79616	18.924	ug/l	96
19) trans-1,2-Dichloroethene	5.522	96	70375	18.946	ug/l	98
20) Diisopropyl ether	6.410	45	232636	16.913	ug/l	97
21) 1,1-Dichloroethane	6.310	63	136465	18.540	ug/l	100
22) cis-1,2-Dichloroethene	7.251	96	82093	18.603	ug/l	99
23) tert-Butyl Alcohol	5.281	59	86594	78.278	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	218770	17.062	ug/l	95
25) Chloroform	7.745	83	144036	19.479	ug/l	99
26) Cyclohexane	8.028	56	115350	18.016	ug/l #	99
29) 1,1-Dichloropropene	8.151	75	98759	20.135	ug/l	98
30) 2-Butanone	7.257	43	348558	94.573	ug/l	100
31) 2,2-Dichloropropane	7.251	77	102862	35.248	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	116551	19.525	ug/l	97
33) Carbon Tetrachloride	8.133	117	97017	19.274	ug/l	98
34) Benzene	8.392	78	327965	21.366	ug/l	99
35) Methacrylonitrile	7.569	41	63437	19.310	ug/l	95
36) 1,2-Dichloroethane	8.463	62	109648	19.629	ug/l	96
37) Trichloroethene	9.151	130	77330	20.293	ug/l	99
38) Methylcyclohexane	9.392	83	119148	20.521	ug/l	96
39) 1,2-Dichloropropane	9.428	63	83211	20.980	ug/l	100
40) Dibromomethane	9.516	93	56031	20.925	ug/l	93
41) Bromodichloromethane	9.698	83	108845	20.209	ug/l	98
42) Vinyl Acetate	6.351	43	991854	87.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	123492	18.216	ug/l	94
44) Isopropyl Acetate	8.492	43	181198	17.123	ug/l	97
45) 1,4-Dioxane	9.504	88	43588	437.800	ug/l	97
46) Methyl methacrylate	9.498	41	79872	16.624	ug/l	84
47) n-amyl Acetate	12.327	43	136479	16.146	ug/l	94
48) t-1,3-Dichloropropene	10.663	75	103061	20.318	ug/l	98
49) cis-1,3-Dichloropropene	10.127	75	119820	21.586	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	81701	21.023	ug/l	97
51) Ethyl methacrylate	10.704	69	118100	18.437	ug/l	88
52) 1,3-Dichloropropane	10.986	76	137834	20.623	ug/l	98
53) Dibromochloromethane	11.174	129	81228	20.056	ug/l	99
54) 1,2-Dibromoethane	11.286	107	82311	20.252	ug/l	95
55) 2-Chloroethyl vinyl ether	9.980	63	270657	98.304	ug/l	99
56) Bromoform	12.398	173	59065	19.804	ug/l #	98
58) 4-Methyl-2-Pentanone	10.269	43	674461	93.604	ug/l	96
59) 2-Hexanone	11.027	43	512974	93.111	ug/l	95
61) Tetrachloroethene	10.916	164	77662	22.814	ug/l	95
62) Toluene	10.445	91	354318	20.885	ug/l	98
64) Chlorobenzene	11.710	112	203558	20.048	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	75566	19.651	ug/l	98
66) Ethyl Benzene	11.786	91	365732	19.707	ug/l	98
67) m/p-Xylenes	11.892	106	283497	40.561	ug/l	97
68) o-Xylene	12.221	106	138183	19.744	ug/l	100
69) Styrene	12.233	104	229106	20.255	ug/l	97
70) Isopropylbenzene	12.521	105	356637	19.843	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.768	83	128922	20.581	ug/l	99
72) 1,2,3-Trichloropropane	12.821	75	96959m	19.725	ug/l	
73) Bromobenzene	12.798	156	85653	20.223	ug/l	97
74) n-propylbenzene	12.863	91	409234	19.914	ug/l	99
75) 2-Chlorotoluene	12.945	91	251243	19.706	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	302074	20.090	ug/l	97
77) t-1,4-Dichloro-2-butene	12.568	75	35525	22.405	ug/l	94
78) 4-Chlorotoluene	13.045	91	236300	19.300	ug/l	99
79) tert-butylbenzene	13.263	119	252874	19.238	ug/l	95
80) 1,2,4-Trimethylbenzene	13.310	105	297507	20.179	ug/l #	80
81) sec-Butylbenzene	13.439	105	361898	20.143	ug/l	98
82) p-Isopropyltoluene	13.557	119	291796	20.021	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	155917	20.782	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	151789	20.332	ug/l	98
85) n-Butylbenzene	13.880	91	224336	18.872	ug/l	97
86) Hexachloroethane	14.145	117	53317	18.771	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	163872	20.855	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.545	75	27195	17.579	ug/l	89
89) 1,2,4-Trichlorobenzene	15.198	180	78171	19.072	ug/l	96
90) Hexachlorobutadiene	15.298	225	42525	24.213	ug/l	97
91) Naphthalene	15.433	128	266874	17.211	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	84355	20.061	ug/l	99

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

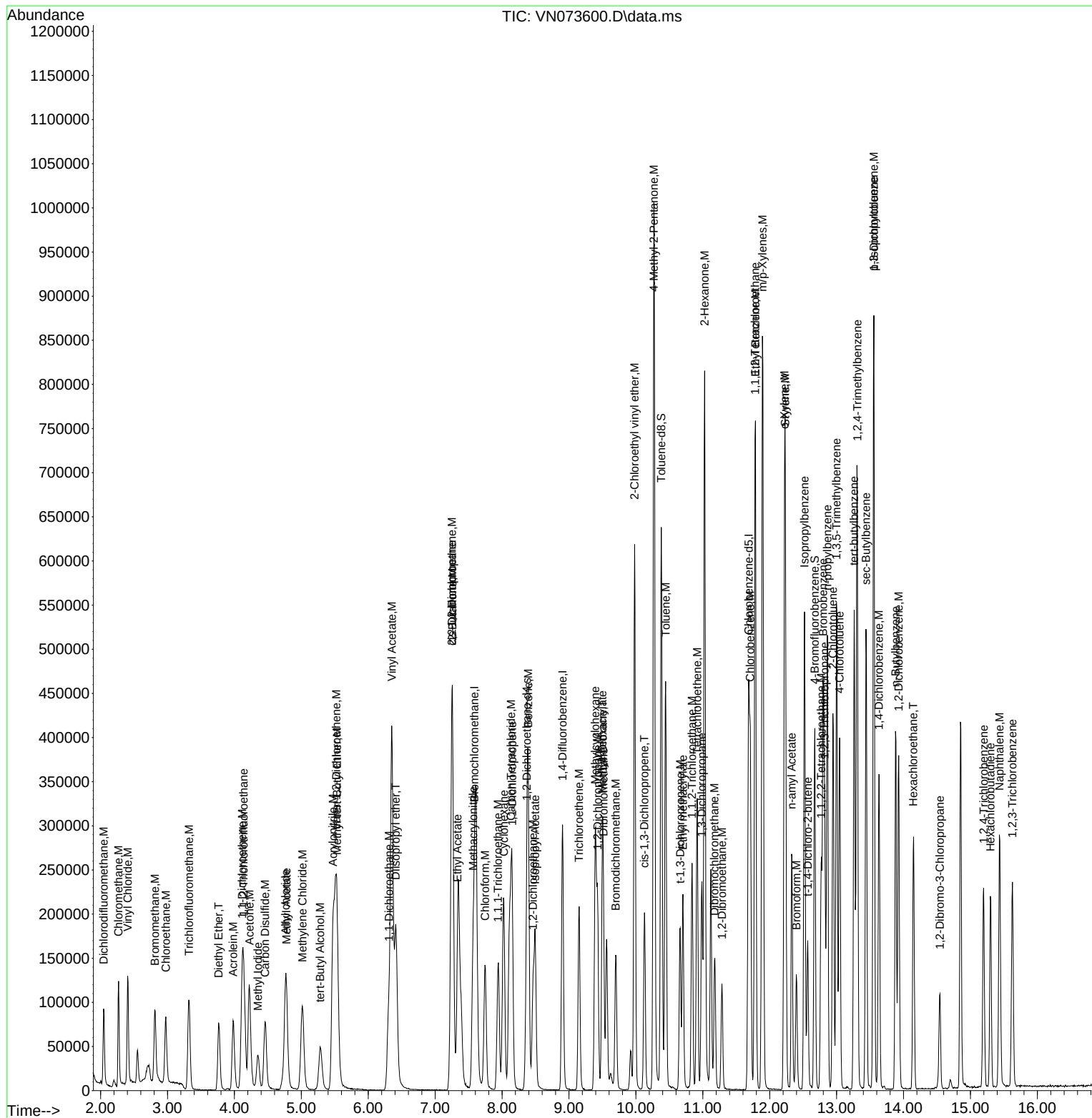
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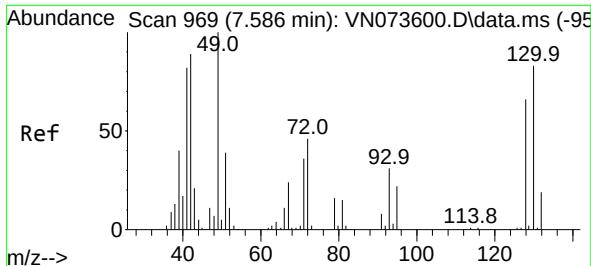
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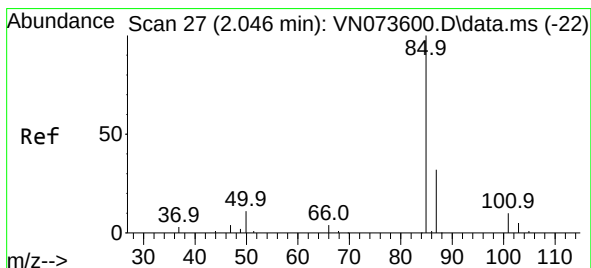
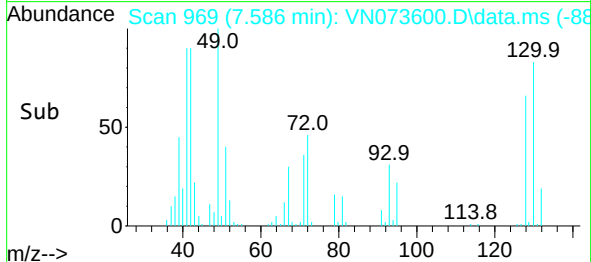
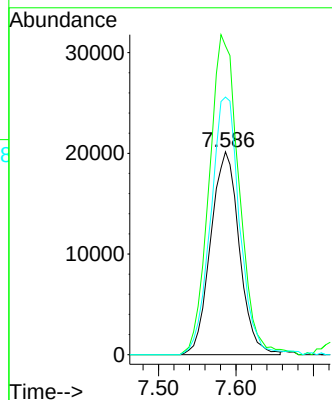
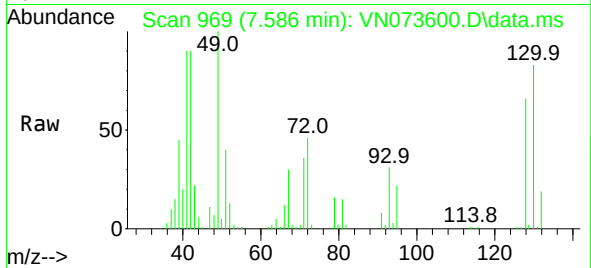
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

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MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 5181
Ion Ratio Lower Upper
128 100
49 164.1 0.0 392.3
130 128.7 0.0 320.2

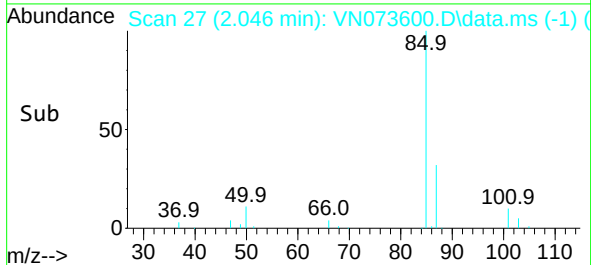
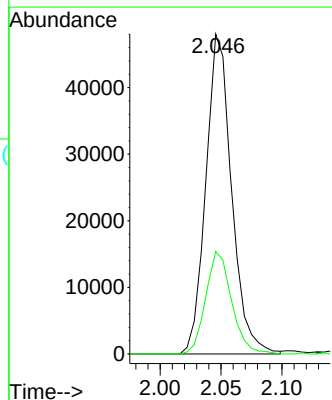
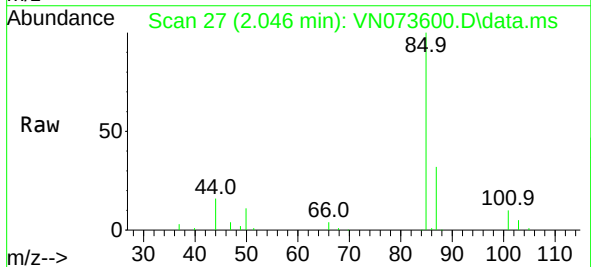
Manual Integrations
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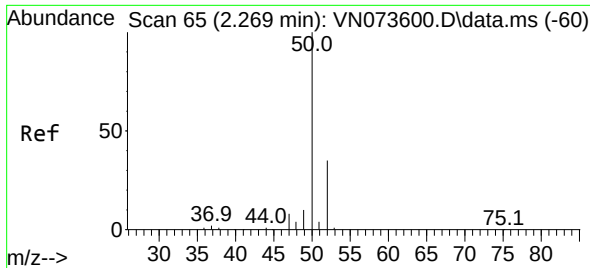
Reviewed By :John Carlone 07/28/2022
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#2
Dichlorodifluoromethane
Concen: 18.032 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

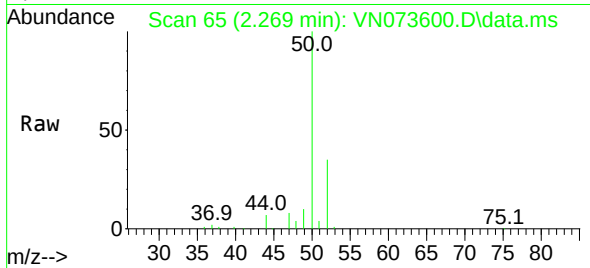
Tgt Ion: 85 Resp: 70735
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 23.995 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

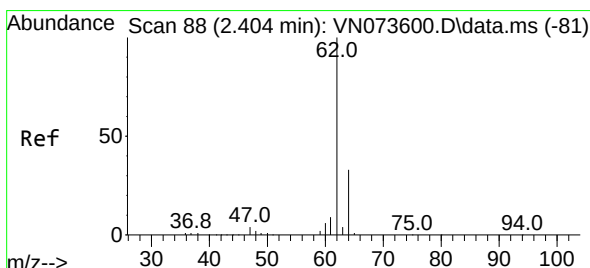
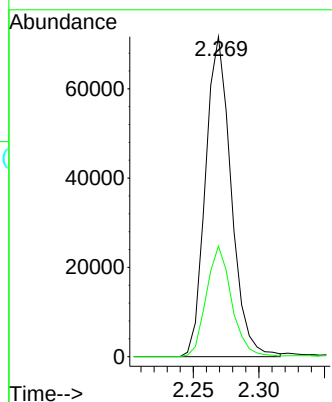
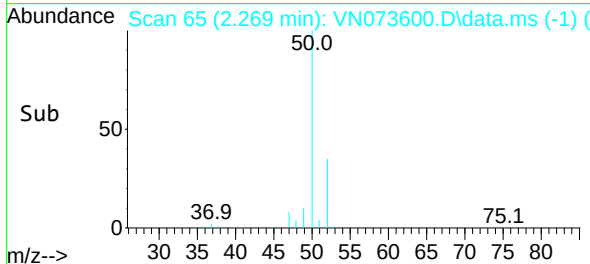
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Tgt Ion: 50 Resp: 9768
Ion Ratio Lower Upper
50 100
52 34.5 27.8 41.6

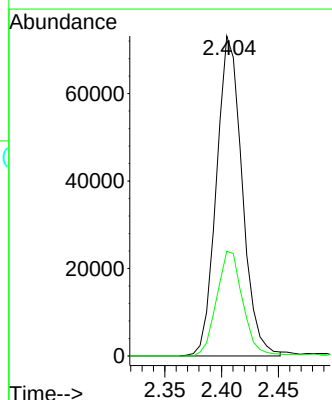
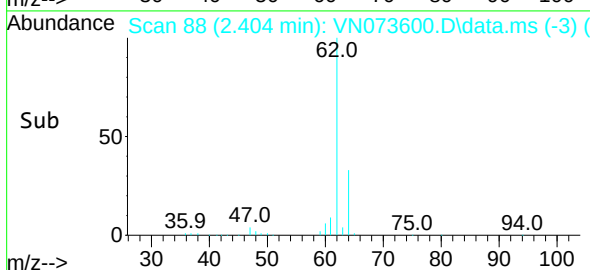
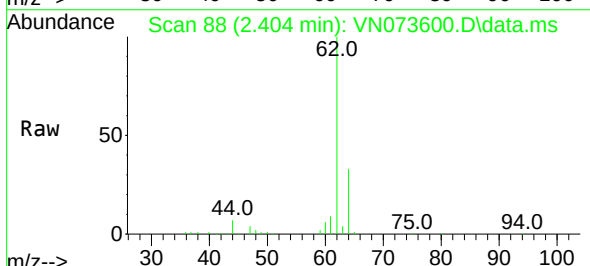
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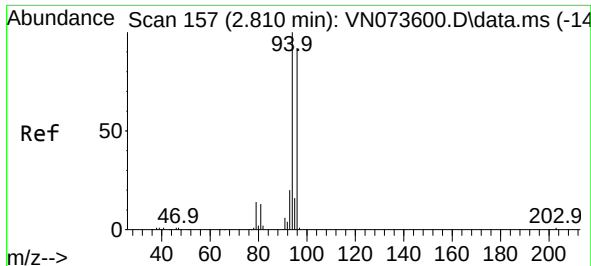
Reviewed By :John Carlone 07/28/2022
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#4
Vinyl Chloride
Concen: 29.559 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073600.D
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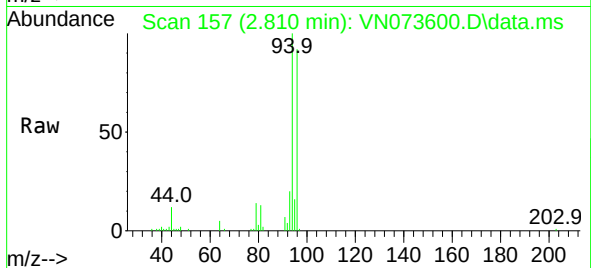
Tgt Ion: 62 Resp: 115367
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7





#5
Bromomethane
Concen: 43.962 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

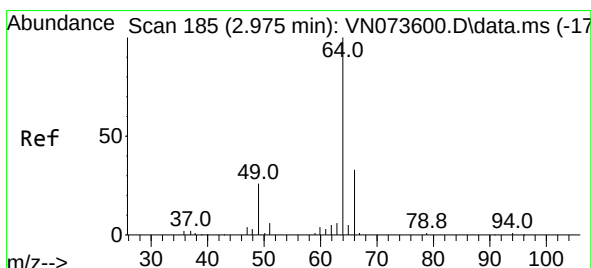
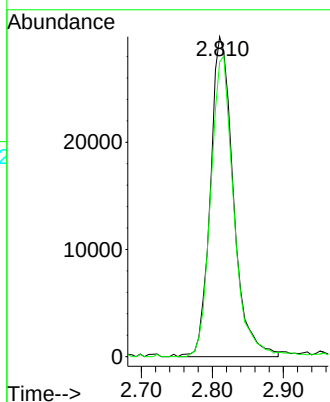
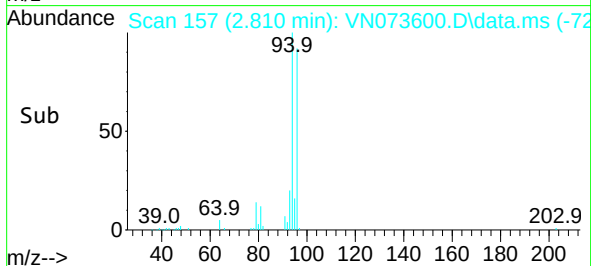
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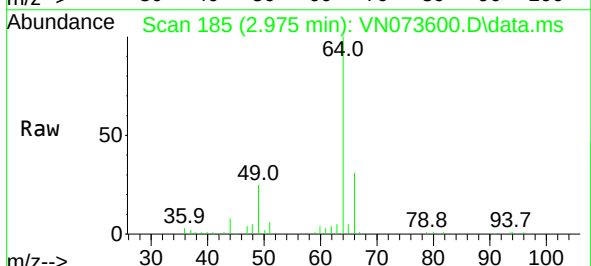
Tgt Ion: 94 Resp: 67204
Ion Ratio Lower Upper
94 100
96 92.0 75.2 112.8

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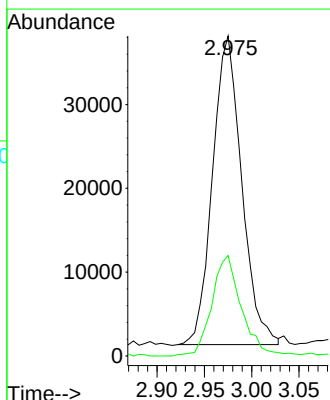
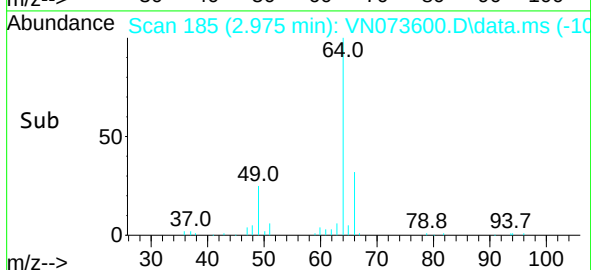
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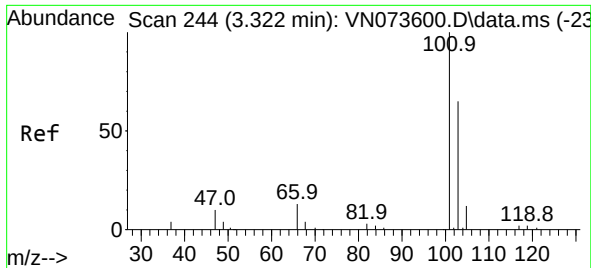


#6
Chloroethane
Concen: 31.866 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



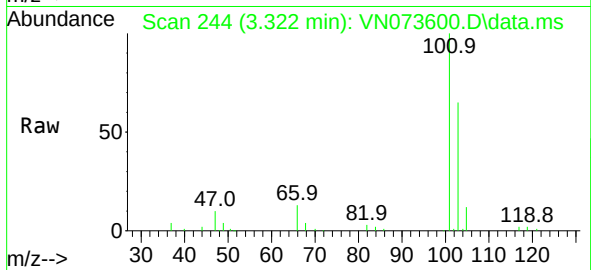
Tgt Ion: 64 Resp: 78900
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.042 ug/l
 RT: 3.322 min Scan# 244
 Delta R.T. 0.000 min
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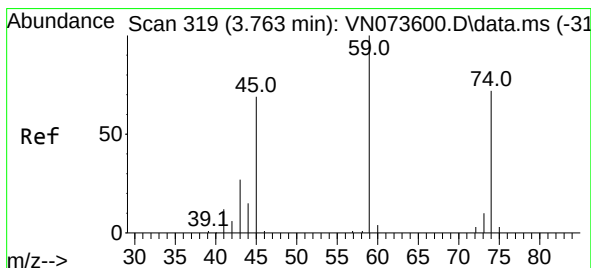
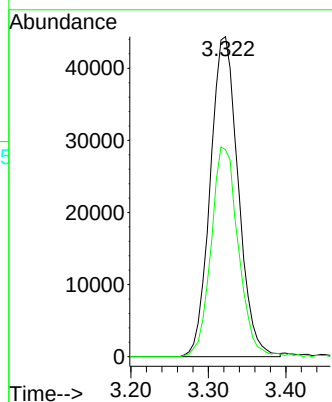
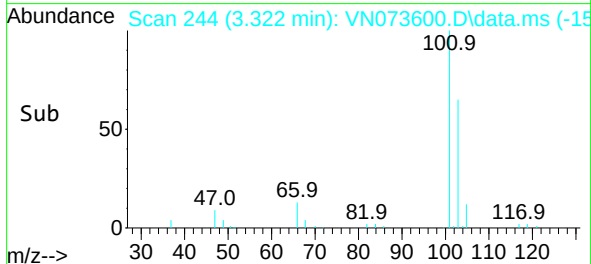
Instrument :
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Tgt Ion:101 Resp: 11118
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1

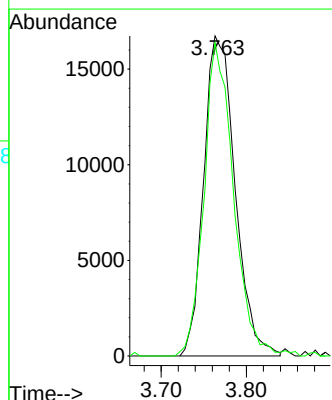
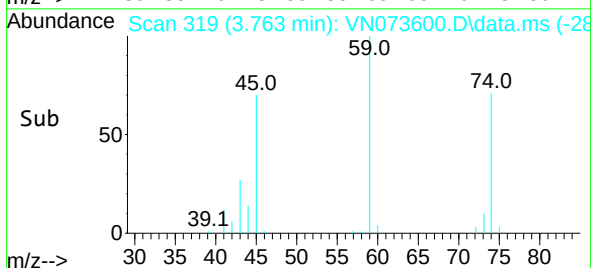
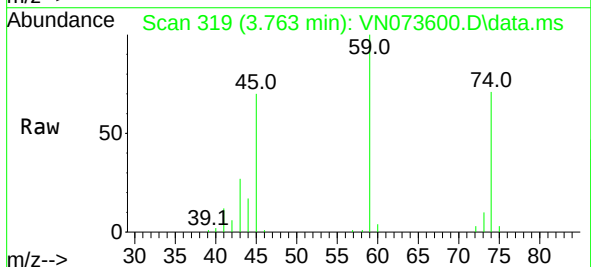
Manual Integrations
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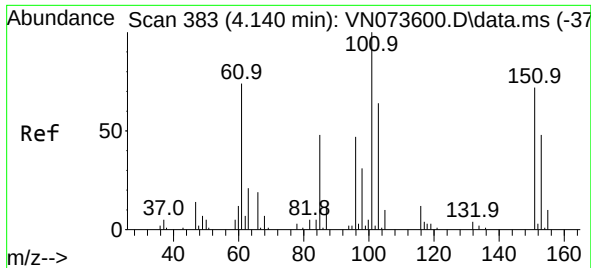
Reviewed By :John Carlone 07/28/2022
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#8
 Diethyl Ether
 Concen: 17.296 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073600.D
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Tgt Ion: 74 Resp: 42958
 Ion Ratio Lower Upper
 74 100
 45 90.4 17.6 158.8





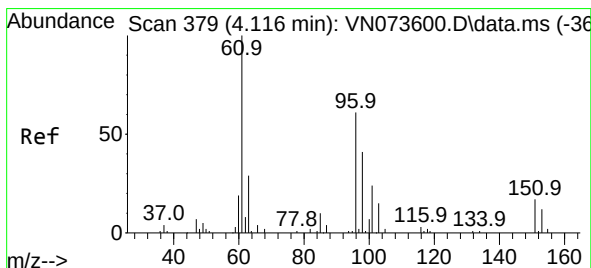
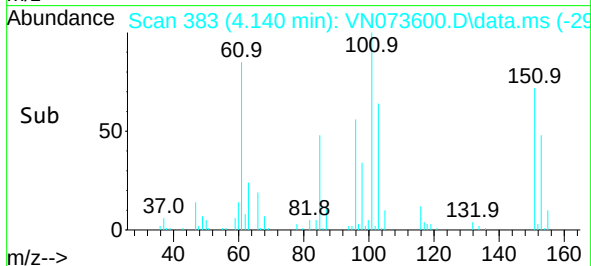
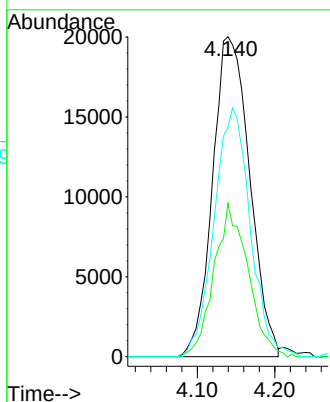
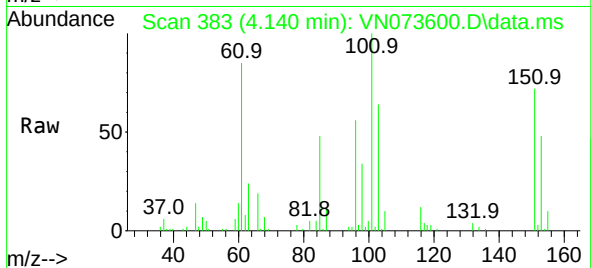
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.313 ug/l
 RT: 4.140 min Scan# 383
 Delta R.T. 0.000 min
 Lab File: VN073600.D
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Tgt Ion: 101 Resp: 66690
 Ion Ratio Lower Upper
 101 100
 85 43.7 0.0 94.0
 151 75.7 0.0 74.6

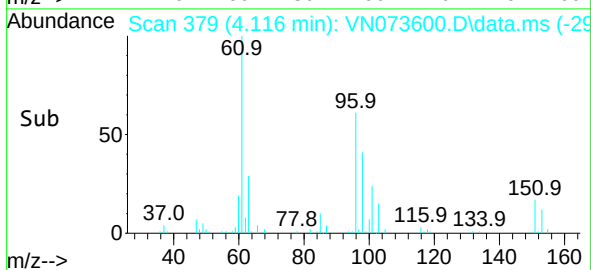
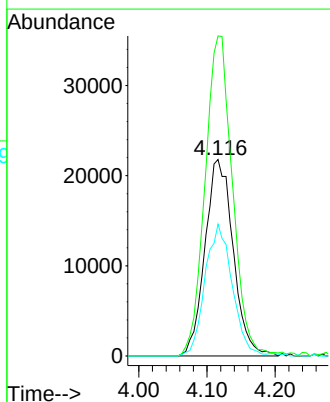
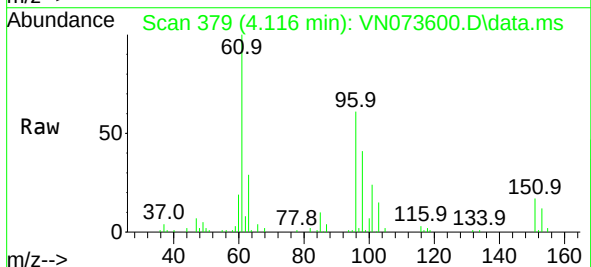
Manual Integrations
 APPROVED

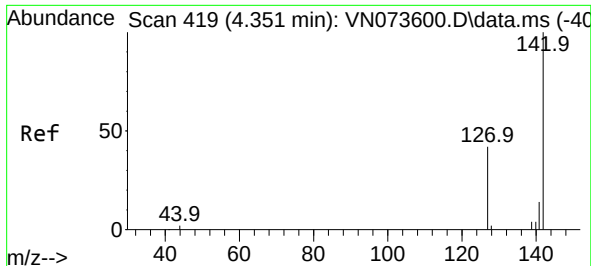
Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022



#10
 1,1-Dichloroethene
 Concen: 18.037 ug/l
 RT: 4.116 min Scan# 379
 Delta R.T. 0.000 min
 Lab File: VN073600.D
 Acq: 27 Jul 2022 11:55

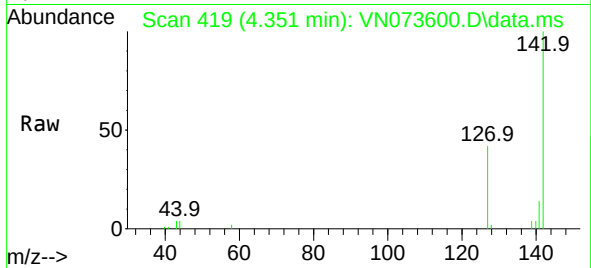
Tgt Ion: 96 Resp: 62750
 Ion Ratio Lower Upper
 96 100
 61 162.8 126.2 189.4
 98 67.1 50.9 76.3





#11
Methyl Iodide
Concen: 19.596 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

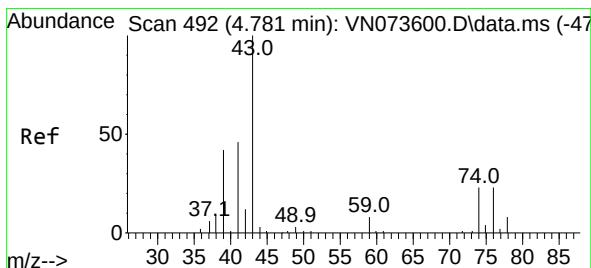
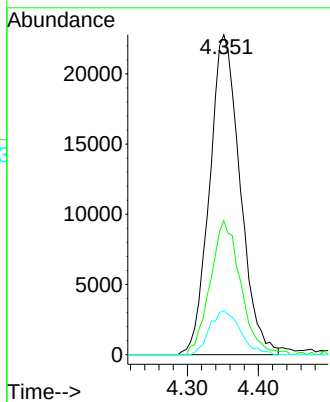
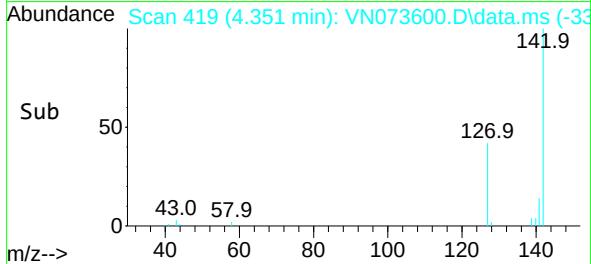
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 67928
Ion Ratio Lower Upper
142 100
127 41.8 24.0 72.0
141 13.8 8.4 25.2

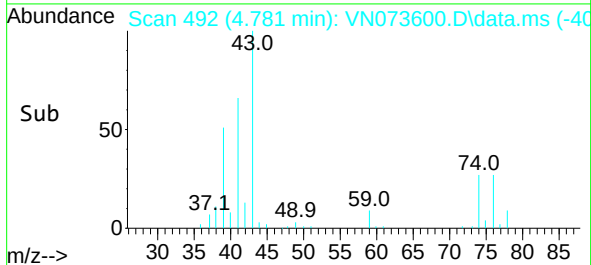
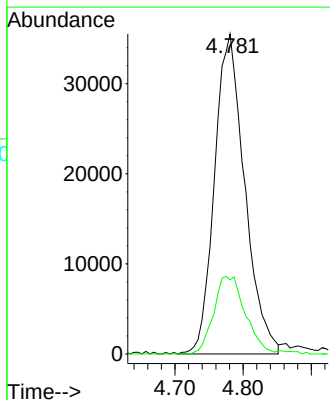
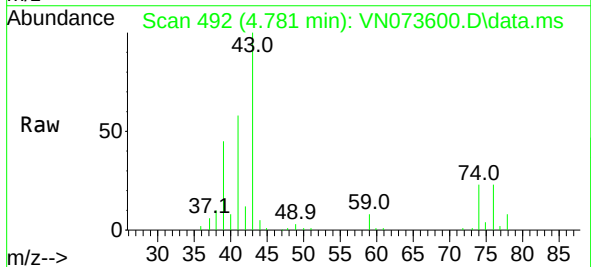
Manual Integrations
APPROVED

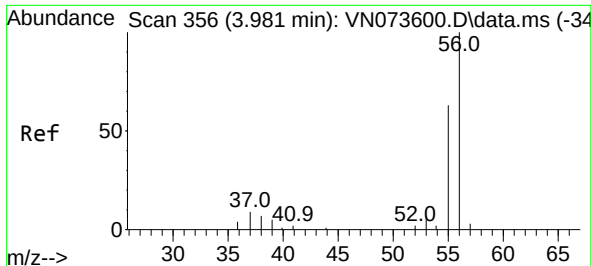
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 15.531 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

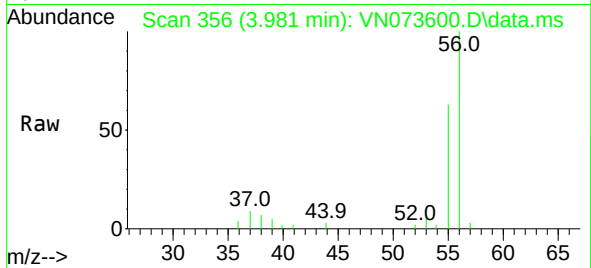
Tgt Ion: 43 Resp: 109412
Ion Ratio Lower Upper
43 100
74 23.0 20.8 31.2





#13
Acrolein
Concen: 123.133 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

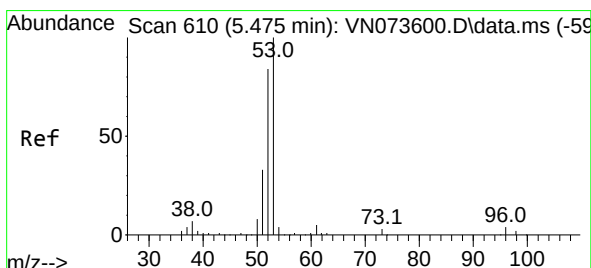
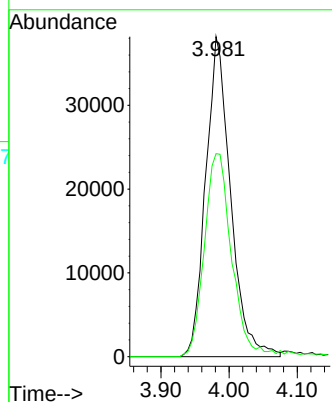
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 96954
Ion Ratio Lower Upper
56 100
55 67.9 57.6 86.4

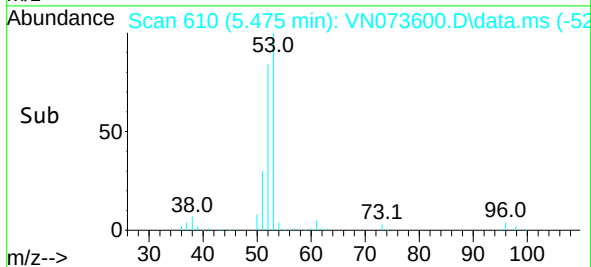
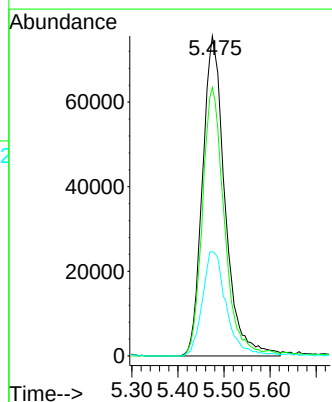
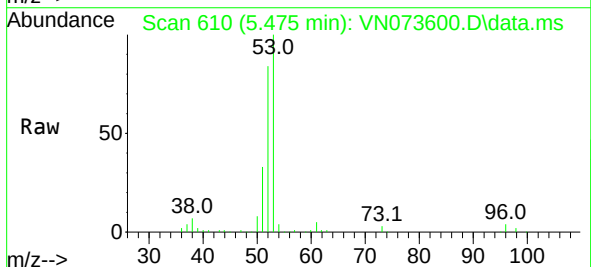
Manual Integrations
APPROVED

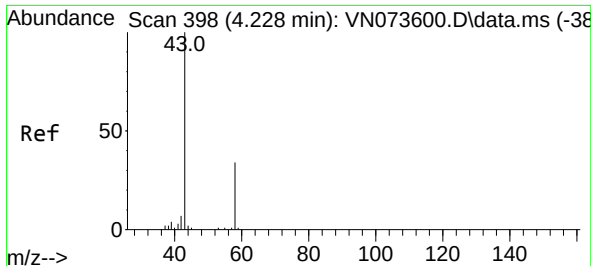
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#14
Acrylonitrile
Concen: 92.605 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Tgt Ion: 53 Resp: 257096
Ion Ratio Lower Upper
53 100
52 81.1 41.8 125.4
51 34.4 19.0 57.0





#15

Acetone

Concen: 92.582 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 70238

Ion Ratio Lower Upper

58 100

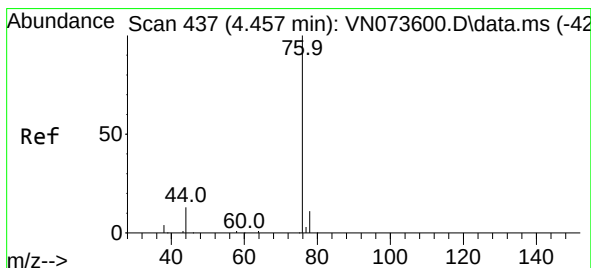
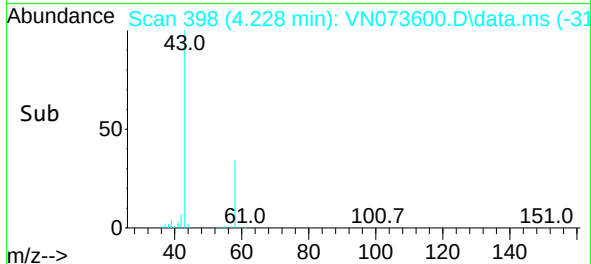
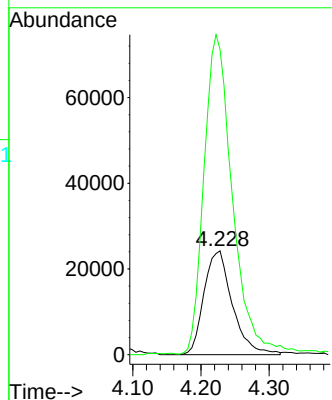
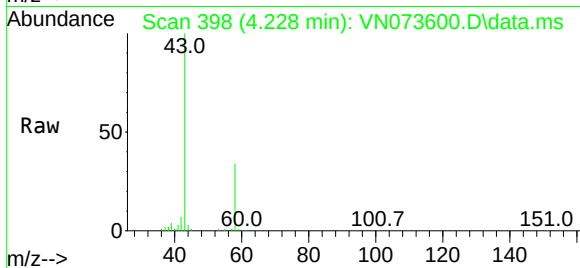
43 293.5 256.6 384.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#16

Carbon Disulfide

Concen: 18.423 ug/l

RT: 4.457 min Scan# 437

Delta R.T. 0.000 min

Lab File: VN073600.D

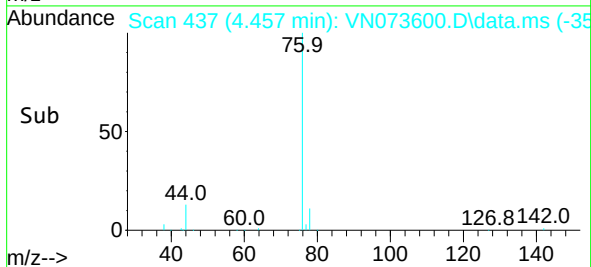
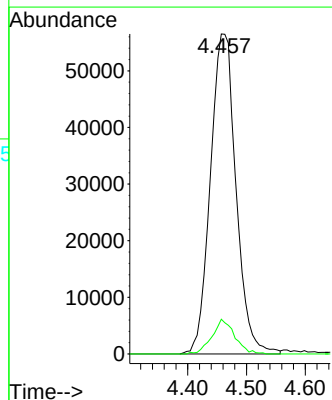
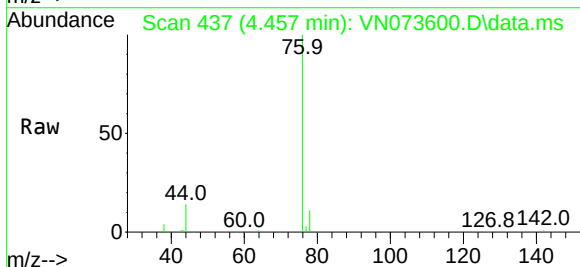
Acq: 27 Jul 2022 11:55

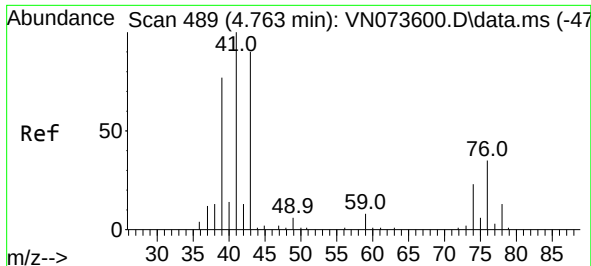
Tgt Ion: 76 Resp: 171428

Ion Ratio Lower Upper

76 100

78 10.8 7.8 11.8





#17

Allyl chloride

Concen: 15.965 ug/l

RT: 4.763 min Scan# 489

Delta R.T. 0.000 min

Lab File: VN073600.D

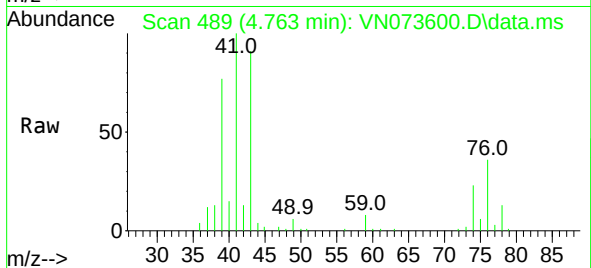
Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



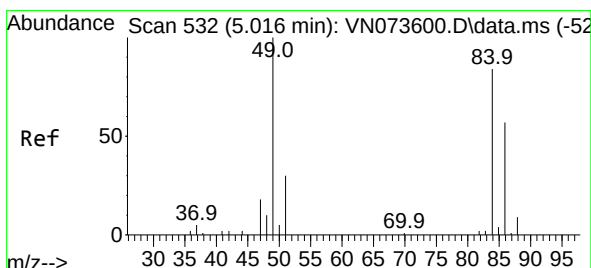
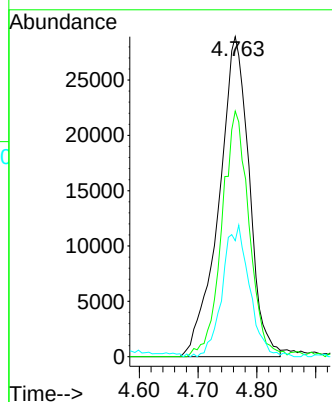
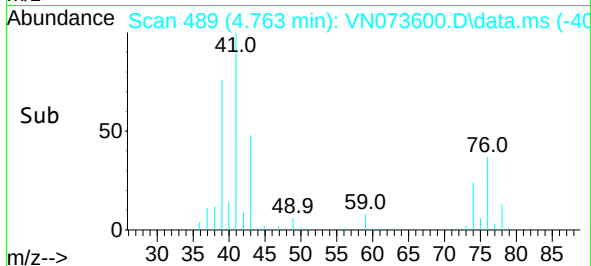
Tgt Ion:	41	Resp:	10374
Ion Ratio	100	Lower	Upper
41	100		
39	76.7	44.6	134.0
76	35.7	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#18

Methylene Chloride

Concen: 18.924 ug/l

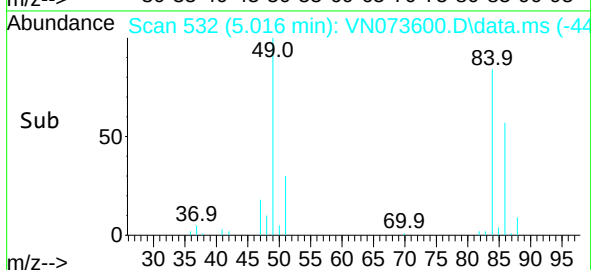
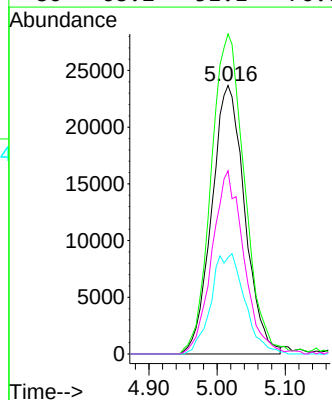
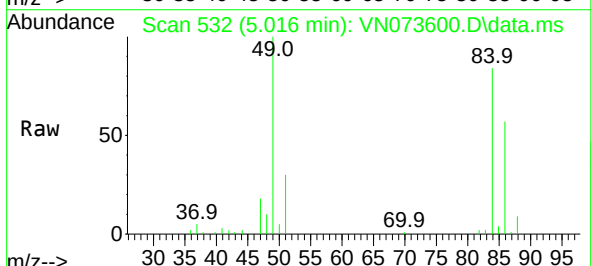
RT: 5.016 min Scan# 532

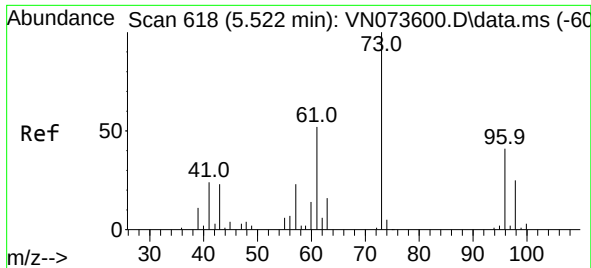
Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

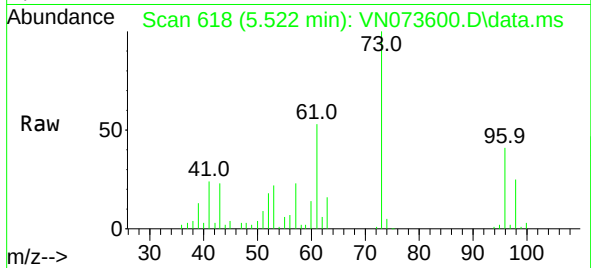
Tgt Ion:	84	Resp:	79616
Ion Ratio	100	Lower	Upper
84	100		
49	119.2	91.4	137.0
51	35.9	29.4	44.0
86	68.2	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 18.946 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

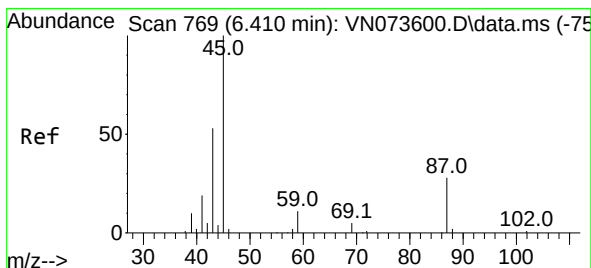
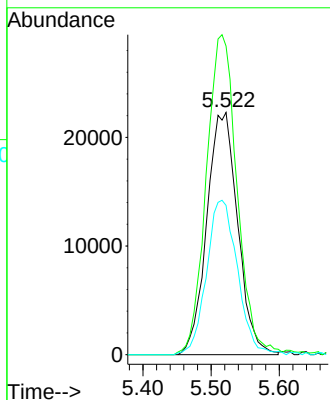
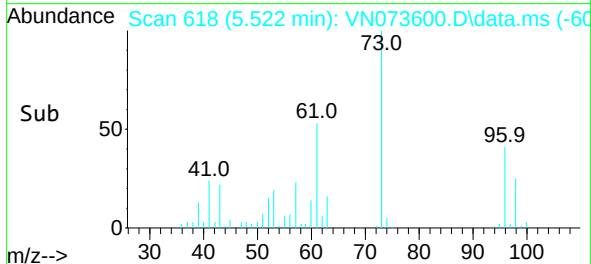
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



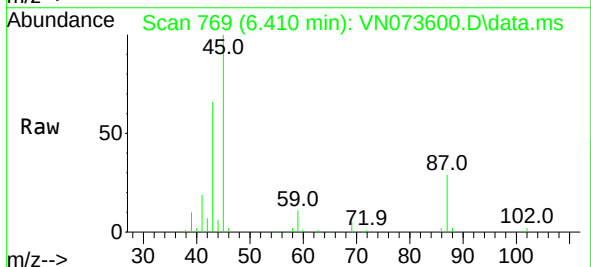
Tgt Ion: 96 Resp: 70375
Ion Ratio Lower Upper
96 100
61 126.3 102.8 154.2
98 60.9 49.3 73.9

Manual Integrations
APPROVED

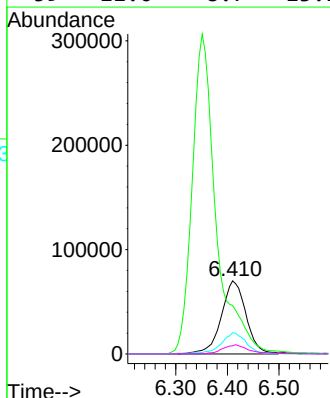
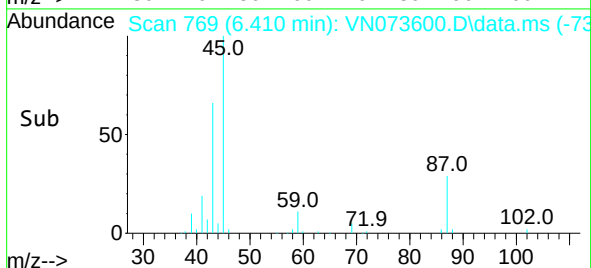
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

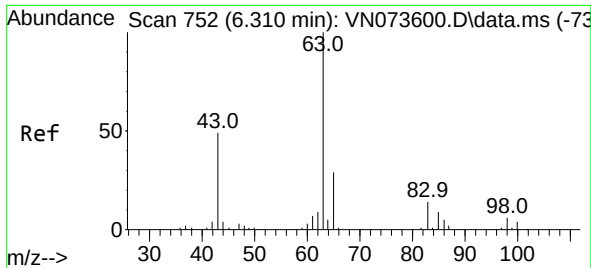


#20
Diisopropyl ether
Concen: 16.913 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 45 Resp: 232636
Ion Ratio Lower Upper
45 100
43 62.3 51.0 76.4
87 28.6 25.0 37.4
59 11.0 8.7 13.1





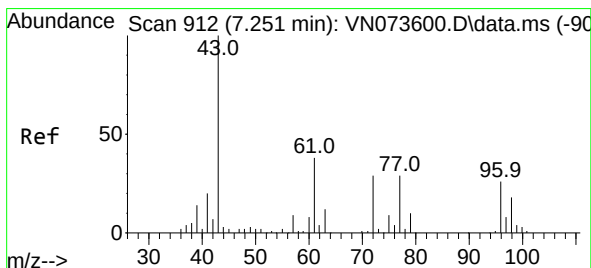
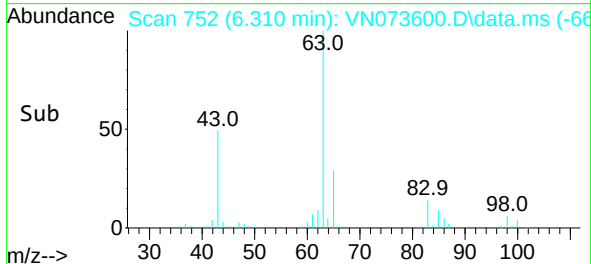
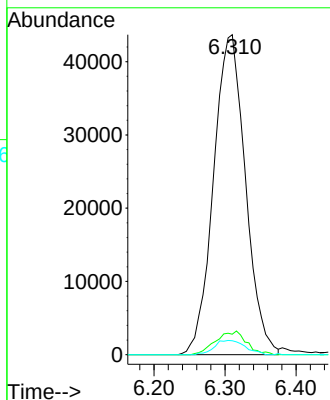
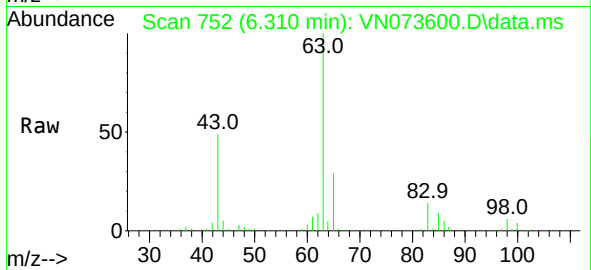
#21
1,1-Dichloroethane
Concen: 18.540 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 13646
Ion Ratio Lower Upper
63 100
98 6.4 3.2 9.6
100 4.4 2.1 6.2

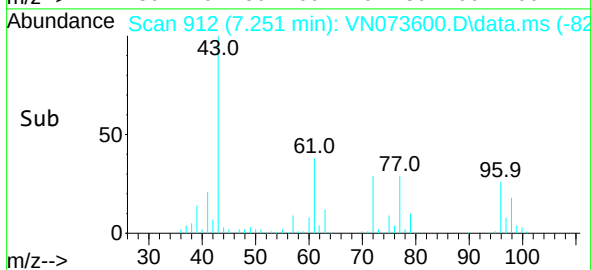
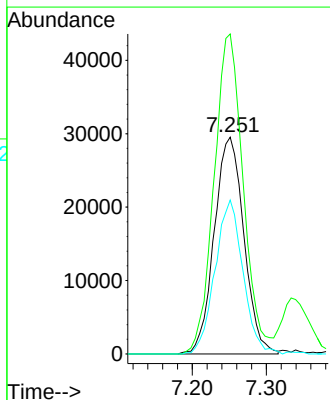
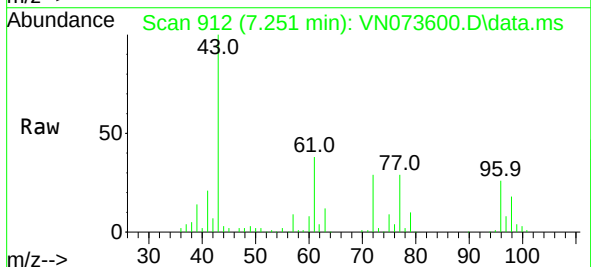
Manual Integrations
APPROVED

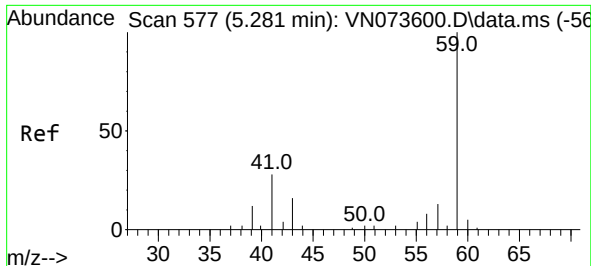
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#22
cis-1,2-Dichloroethene
Concen: 18.603 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Tgt Ion: 96 Resp: 82093
Ion Ratio Lower Upper
96 100
61 145.4 115.7 173.5
98 66.2 51.6 77.4





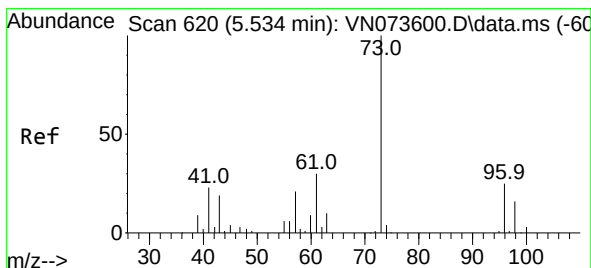
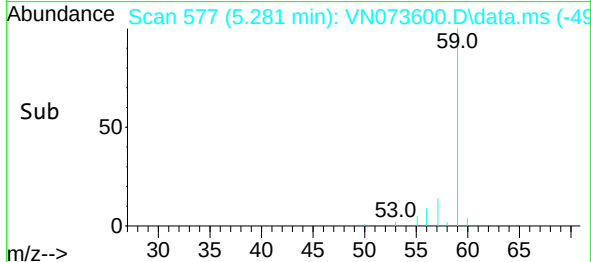
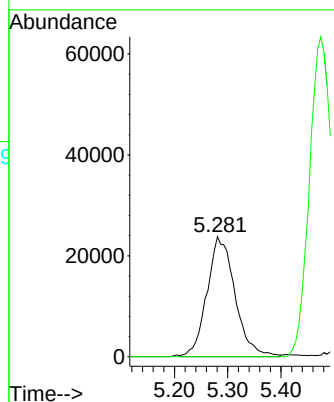
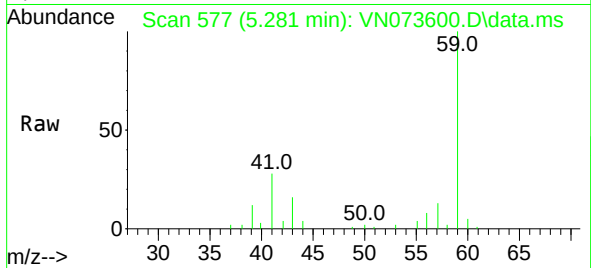
#23
tert-Butyl Alcohol
Concen: 78.278 ug/l
RT: 5.281 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 86594
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

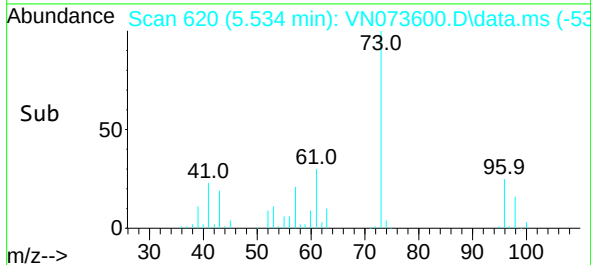
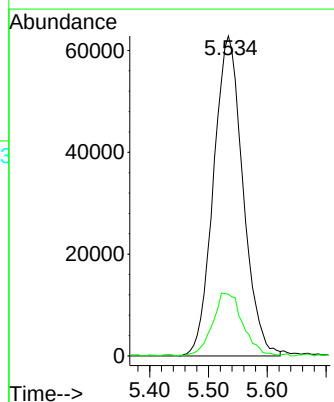
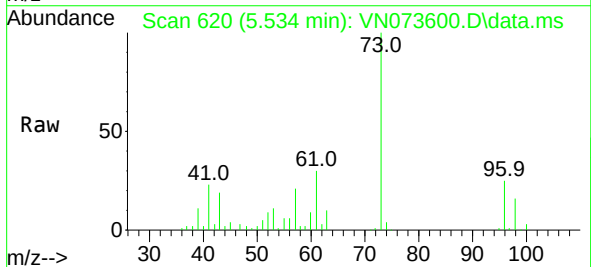
Manual Integrations
APPROVED

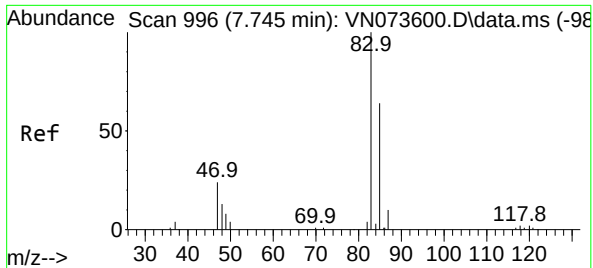
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 17.062 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

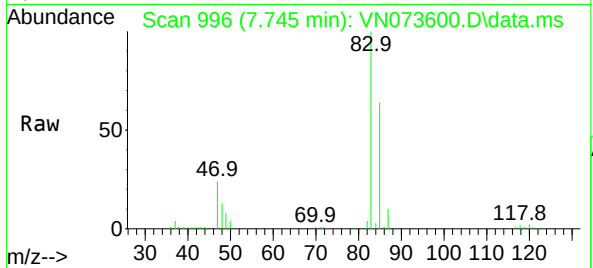
Tgt Ion: 73 Resp: 218770
Ion Ratio Lower Upper
73 100
43 20.0 18.1 27.1





#25
Chloroform
Concen: 19.479 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

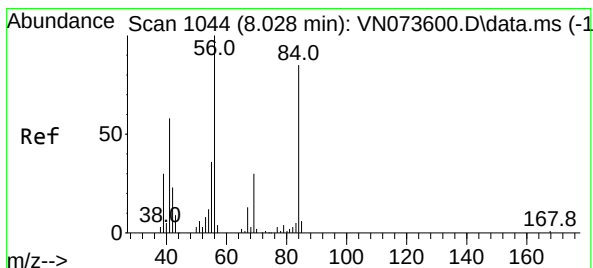
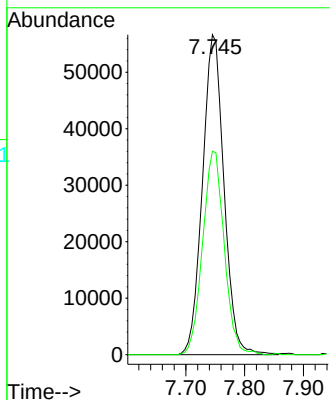
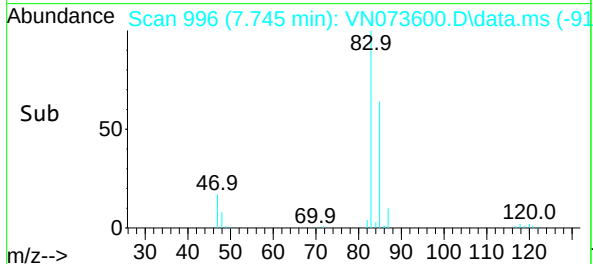
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



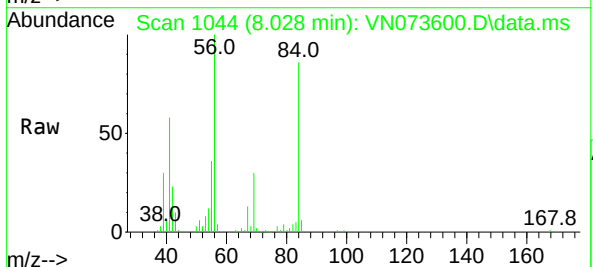
Tgt Ion: 83 Resp: 144036
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9

Manual Integrations
APPROVED

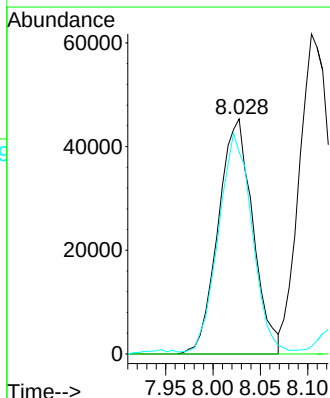
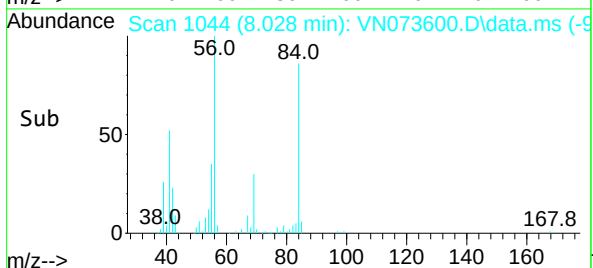
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

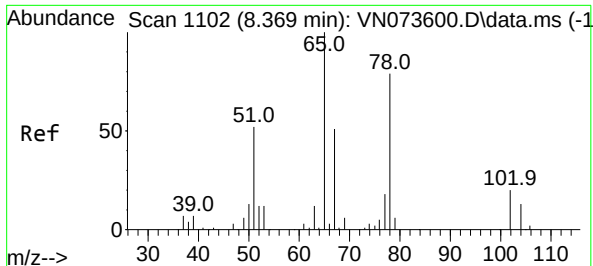


#26
Cyclohexane
Concen: 18.016 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 56 Resp: 115350
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.2 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 28.455 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 13953

Ion Ratio Lower Upper

65 100

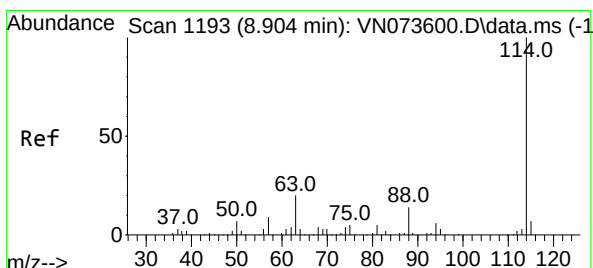
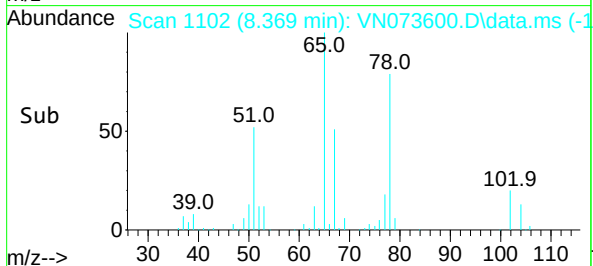
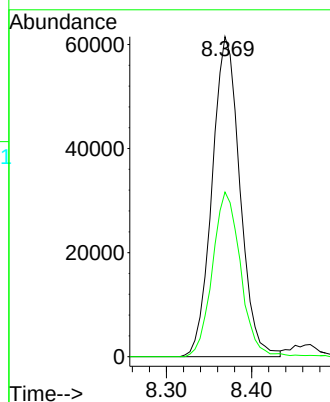
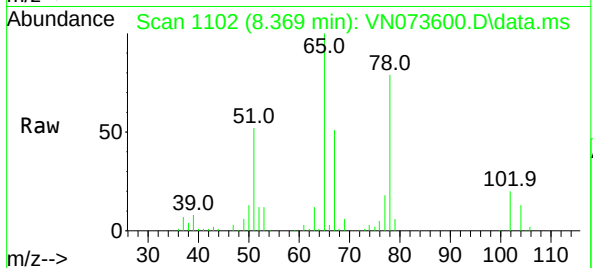
67 51.4 40.2 60.2

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: VN073600.D

Acq: 27 Jul 2022 11:55

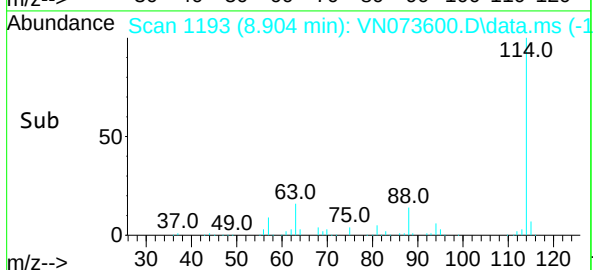
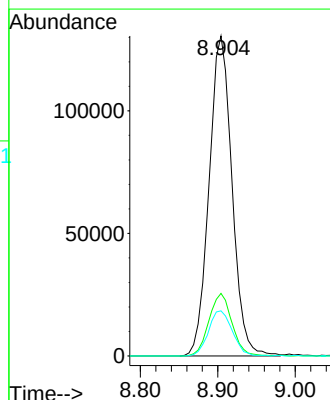
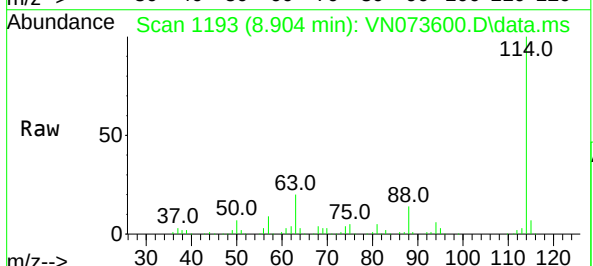
Tgt Ion:114 Resp: 268349

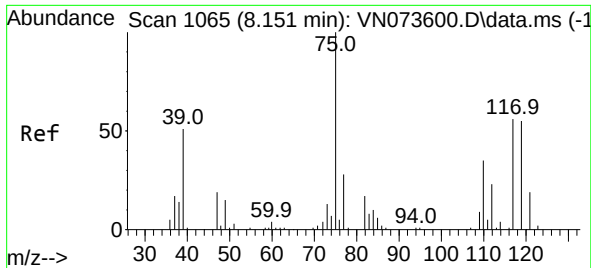
Ion Ratio Lower Upper

114 100

63 19.5 15.8 23.6

88 14.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.135 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

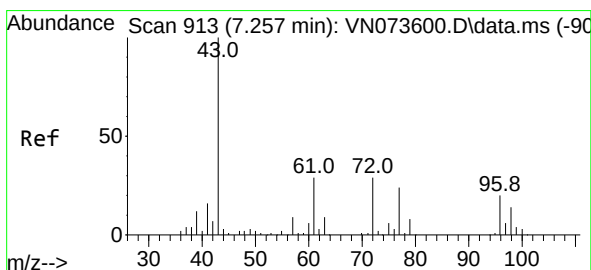
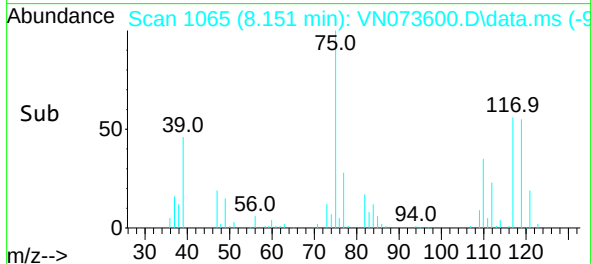
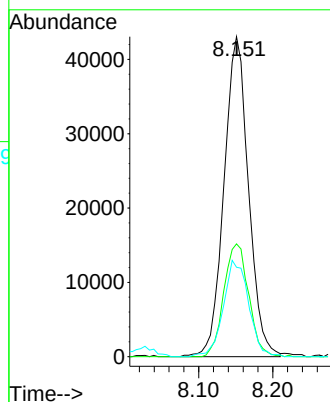
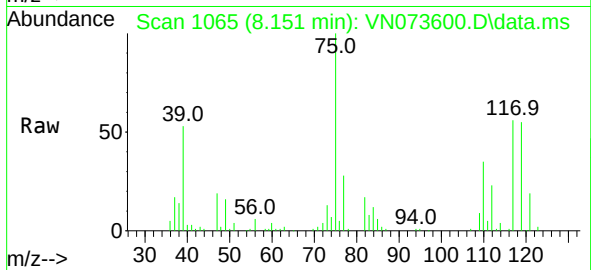
Tgt Ion: 75 Resp: 9875
Ion Ratio Lower Upper
75 100
110 35.7 0.0 74.2
77 30.9 0.0 63.2

Manual Integrations

APPROVED

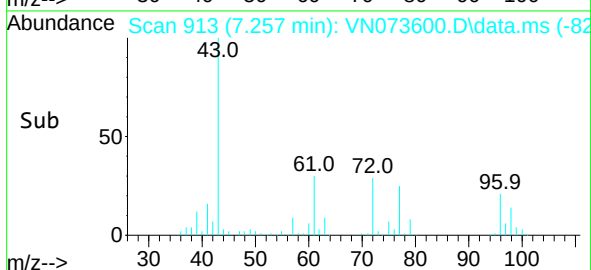
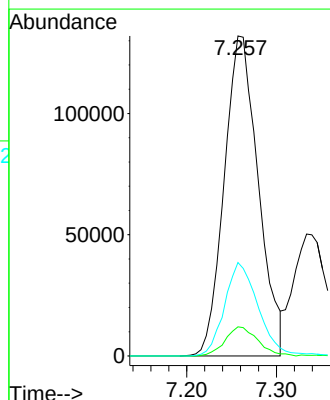
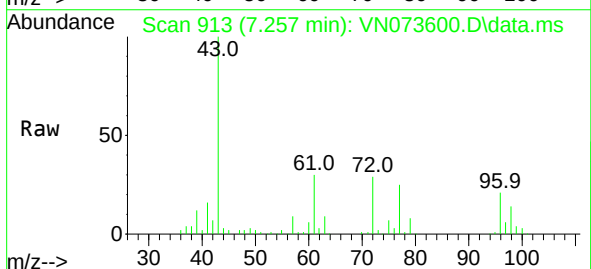
Reviewed By :John Carlone 07/28/2022

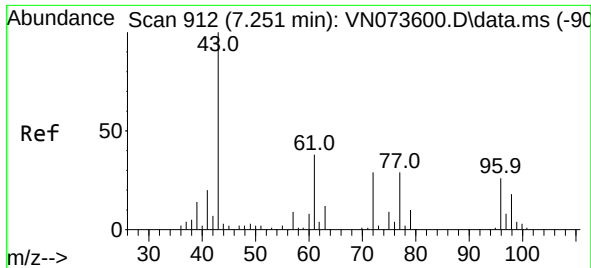
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 94.573 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

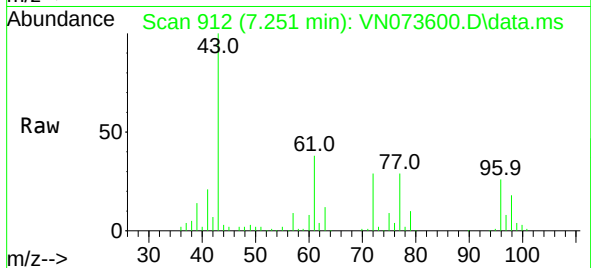
Tgt Ion: 43 Resp: 348558
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 35.248 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

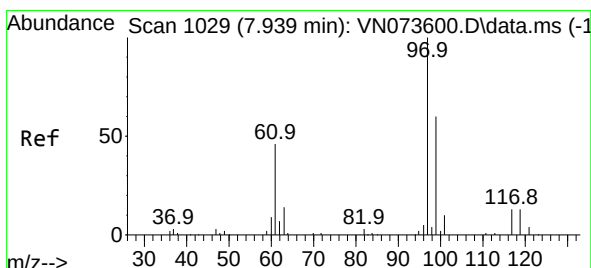
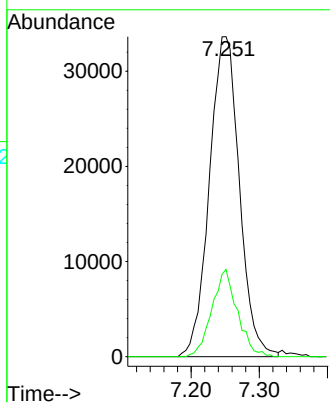
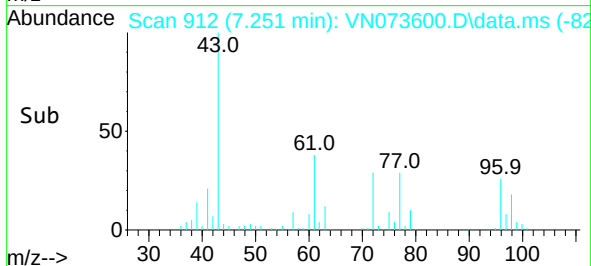
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



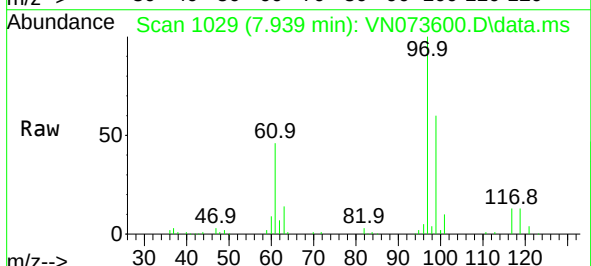
Tgt Ion: 77 Resp: 102862
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5

Manual Integrations
APPROVED

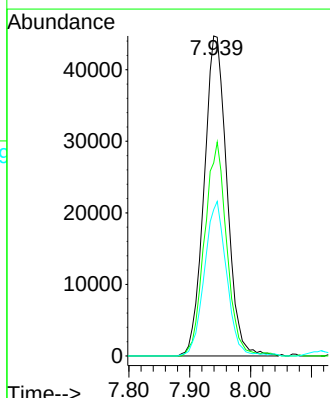
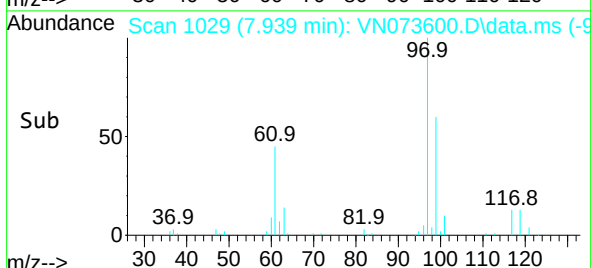
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

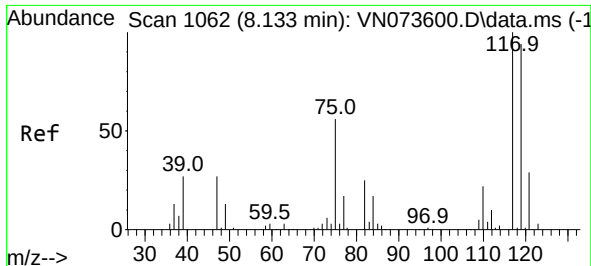


#32
1,1,1-Trichloroethane
Concen: 19.525 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 97 Resp: 116551
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 46.6 34.6 51.8





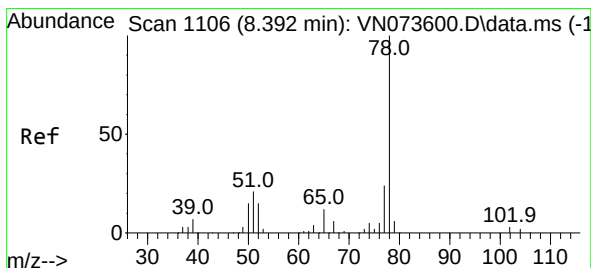
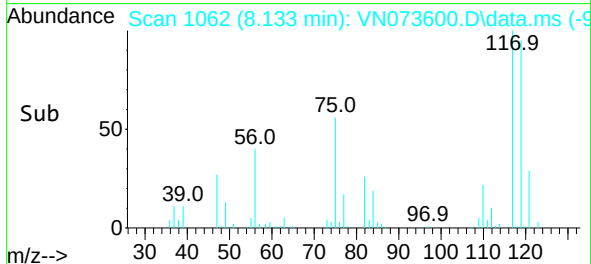
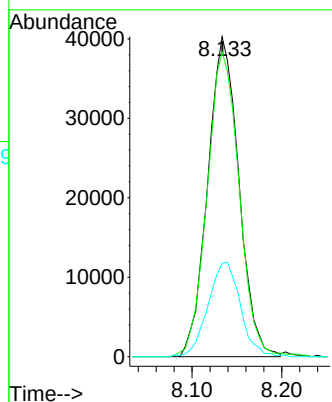
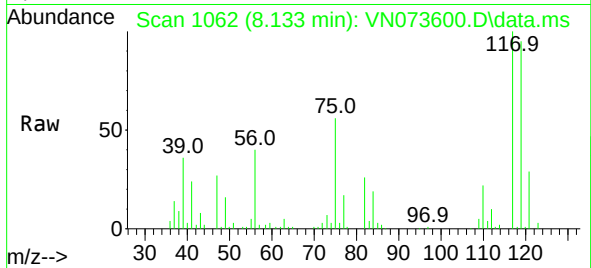
#33
Carbon Tetrachloride
Concen: 19.274 ug/l
RT: 8.133 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:117 Resp: 9701
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3
121 28.9 23.5 35.3

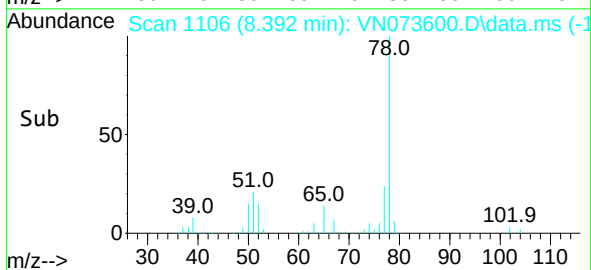
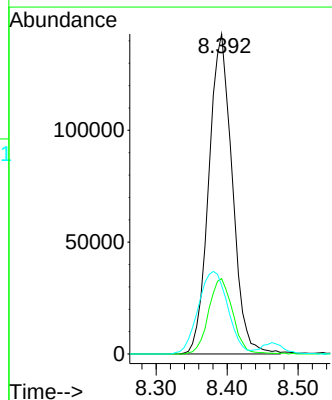
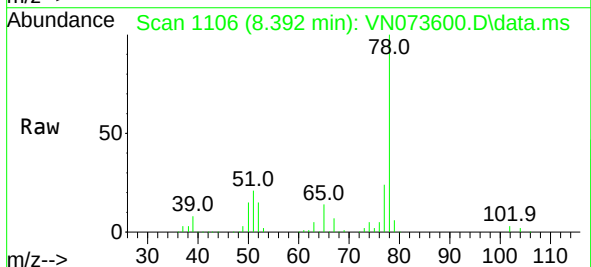
Manual Integrations
APPROVED

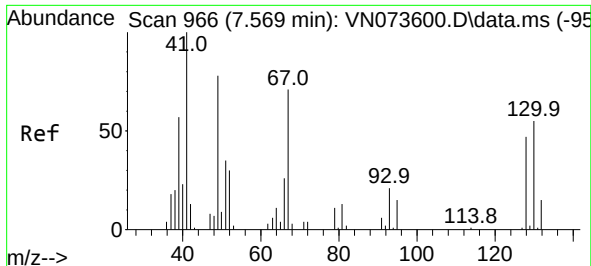
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#34
Benzene
Concen: 21.366 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

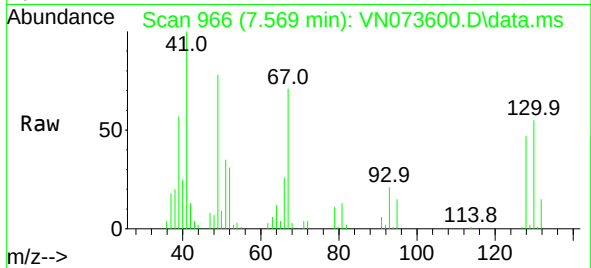
Tgt Ion: 78 Resp: 327965
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 20.6 16.0 24.0





#35
Methacrylonitrile
Concen: 19.310 ug/l
RT: 7.569 min Scan# 966
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

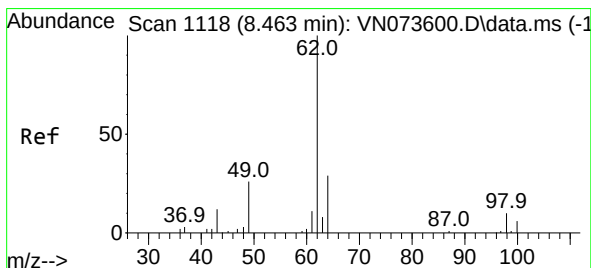
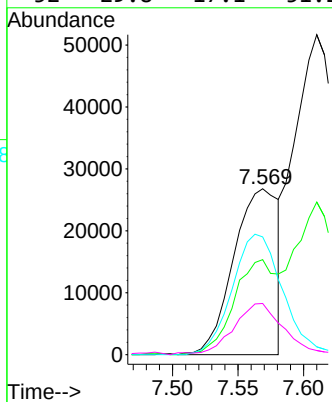
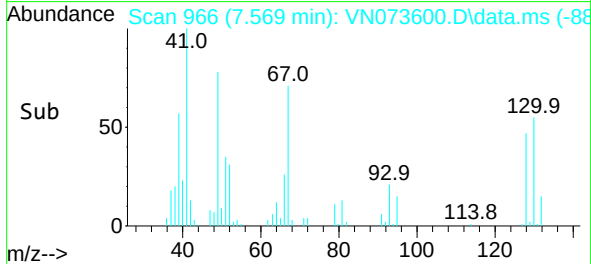
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 6343
Ion Ratio Lower Upper
41 100
39 57.2 28.0 83.9
67 70.9 37.7 113.1
52 29.8 17.1 51.2

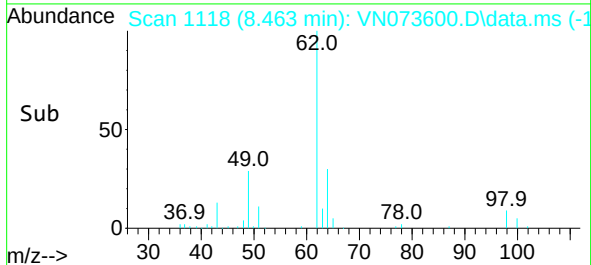
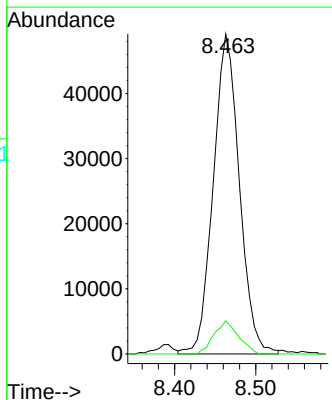
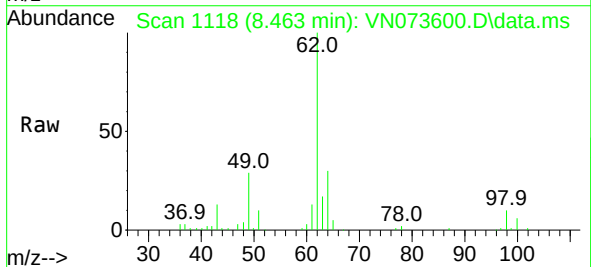
Manual Integrations
APPROVED

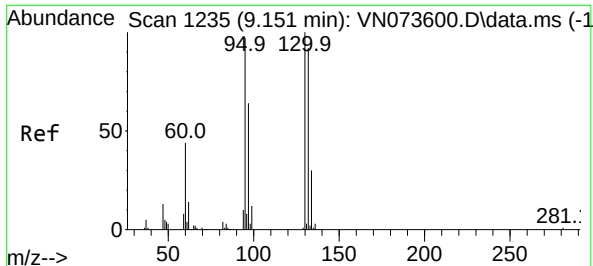
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#36
1,2-Dichloroethane
Concen: 19.629 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Tgt Ion: 62 Resp: 109648
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0





#37

Trichloroethene

Concen: 20.293 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 77330

Ion Ratio Lower Upper

130 100

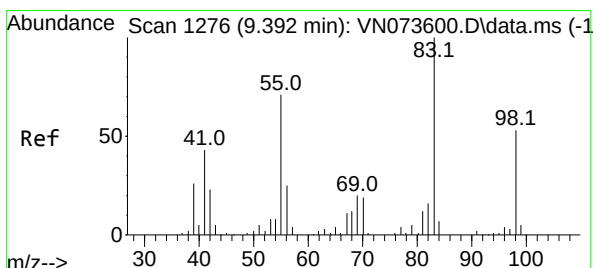
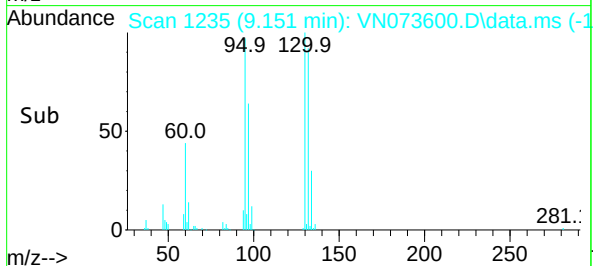
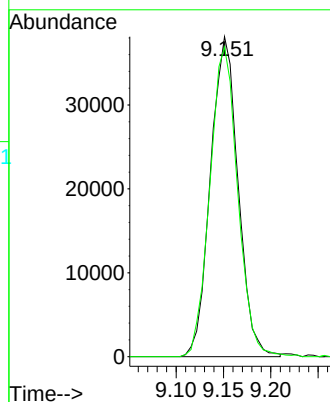
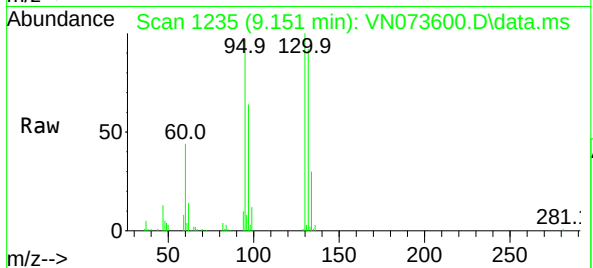
95 96.8 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Methylcyclohexane

Concen: 20.521 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

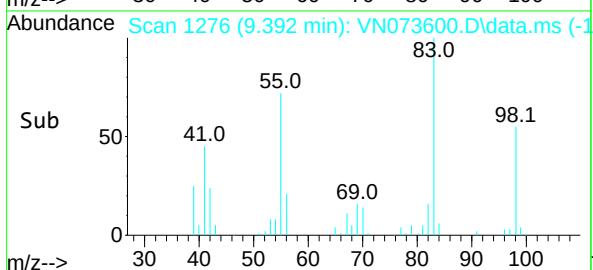
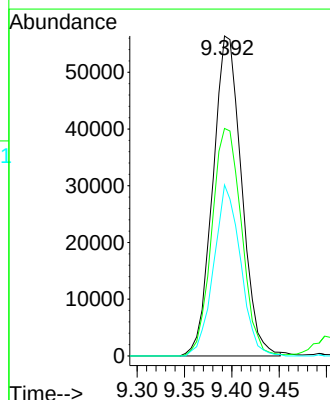
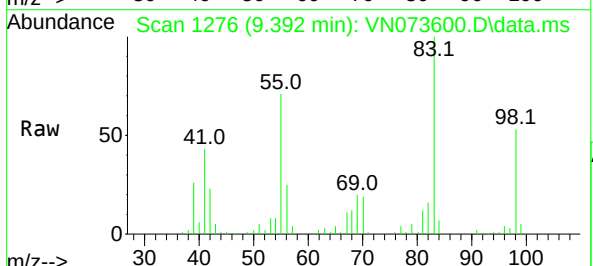
Tgt Ion: 83 Resp: 119148

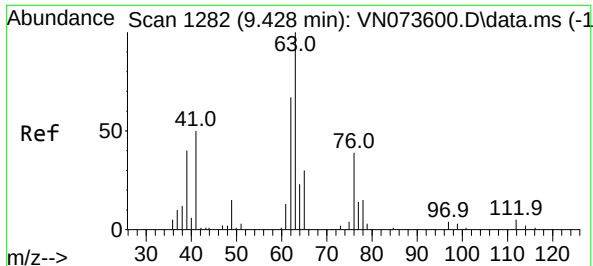
Ion Ratio Lower Upper

83 100

55 73.6 35.1 105.3

98 49.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.980 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 8321

Ion Ratio Lower Upper

63 100

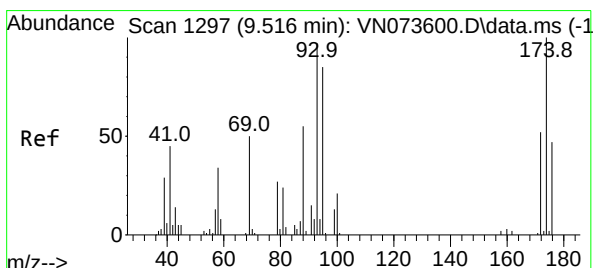
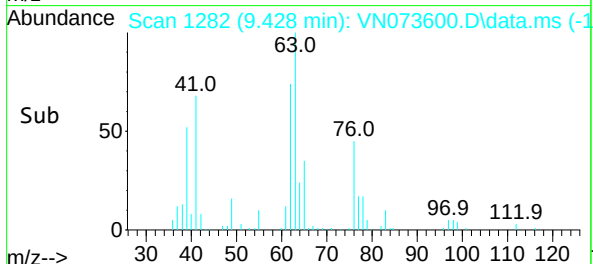
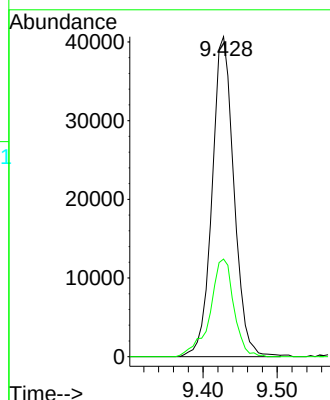
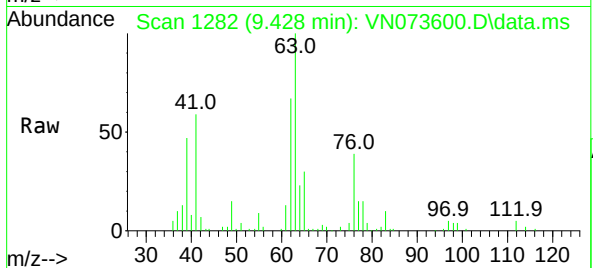
65 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 20.925 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

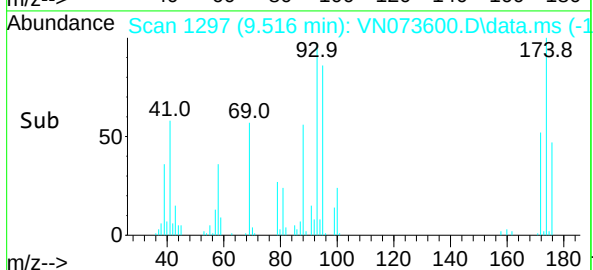
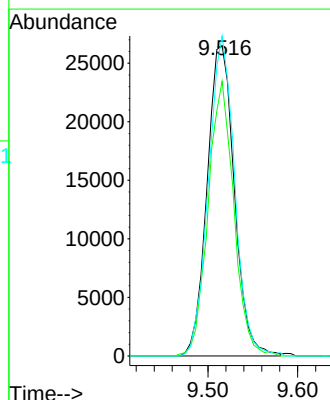
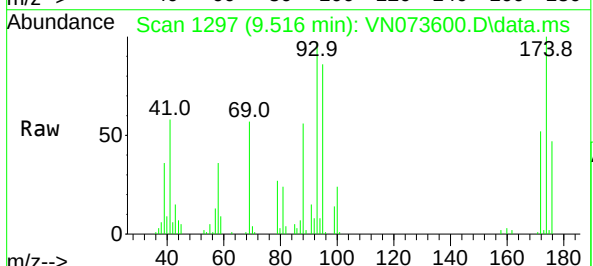
Tgt Ion: 93 Resp: 56031

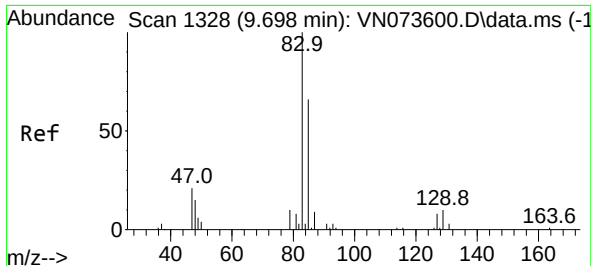
Ion Ratio Lower Upper

93 100

95 83.2 0.0 168.8

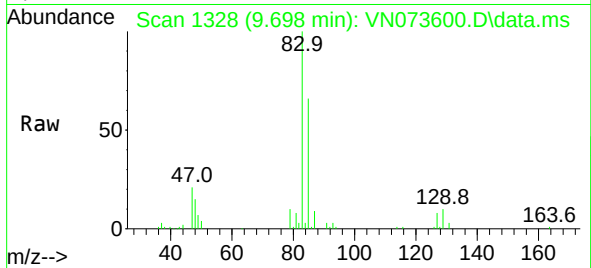
174 98.6 0.0 173.6





#41
Bromodichloromethane
Concen: 20.209 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

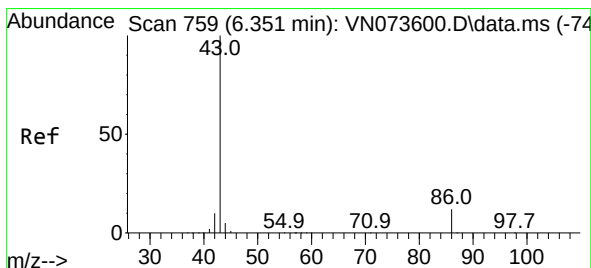
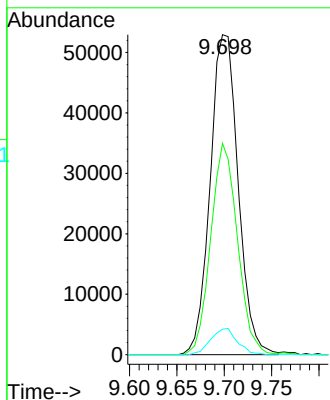
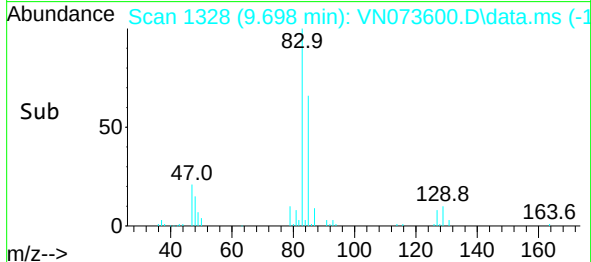
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 108849
Ion Ratio Lower Upper
83 100
85 66.0 54.1 81.1
127 8.0 7.6 11.4

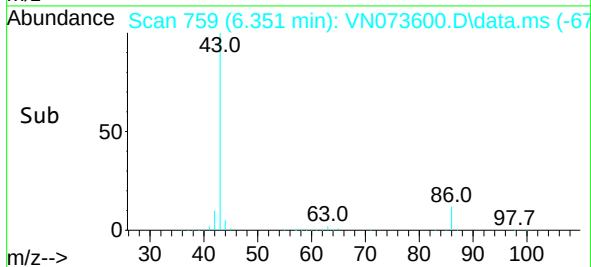
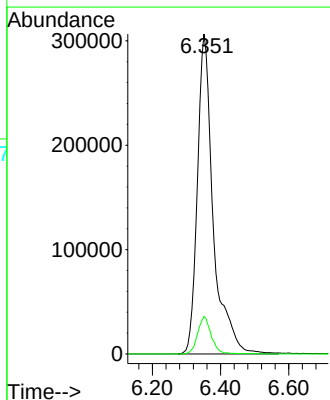
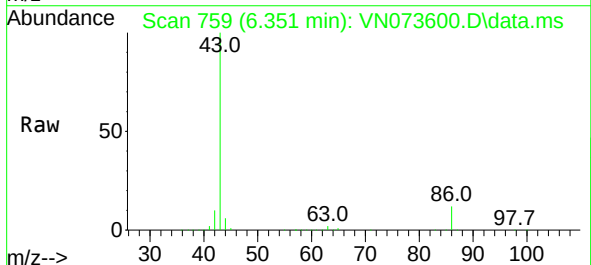
Manual Integrations
APPROVED

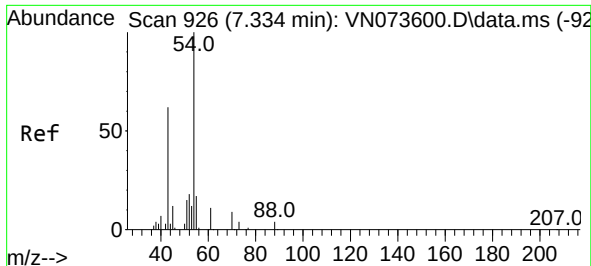
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#42
Vinyl Acetate
Concen: 87.991 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

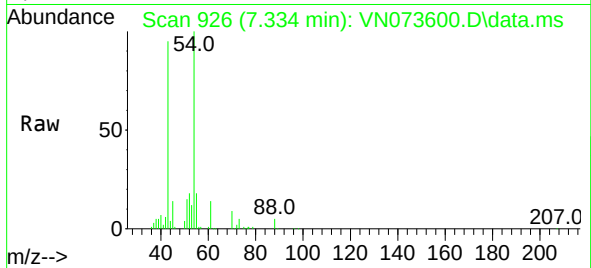
Tgt Ion: 43 Resp: 991854
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3





#43
Ethyl Acetate
Concen: 18.216 ug/l
RT: 7.334 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

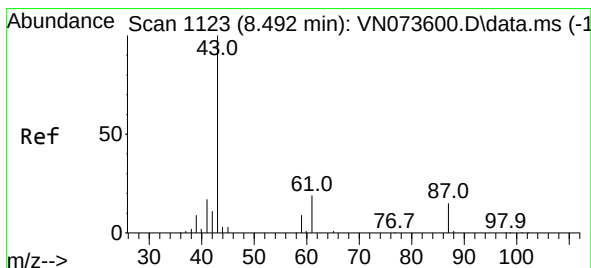
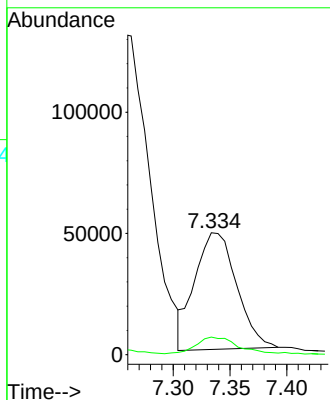
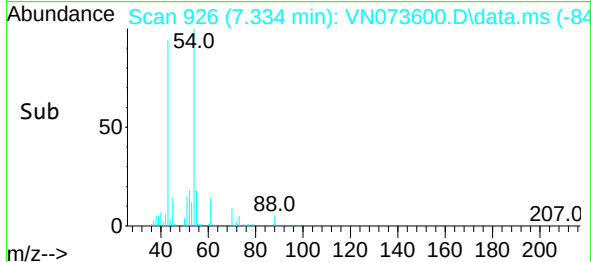
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 123492
Ion Ratio Lower Upper
43 100
45 15.7 10.6 16.0

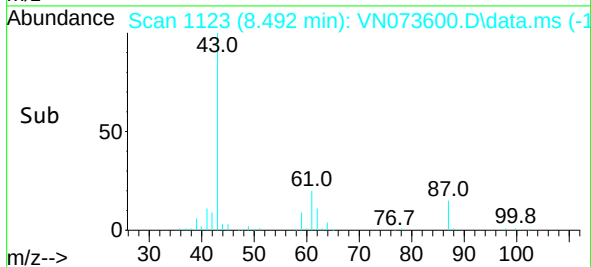
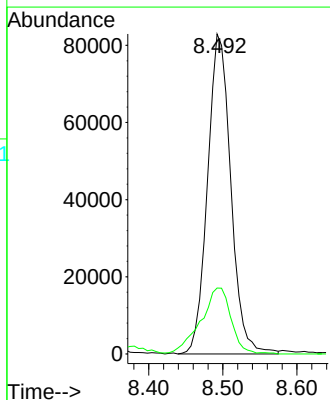
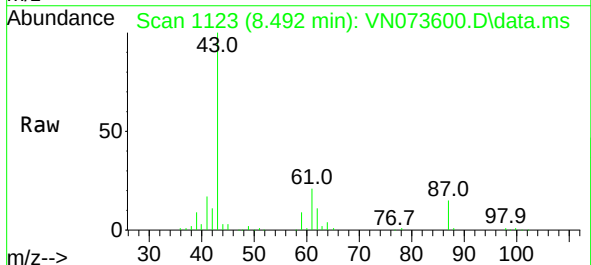
Manual Integrations
APPROVED

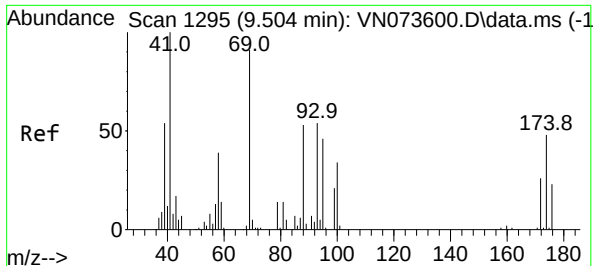
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 17.123 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

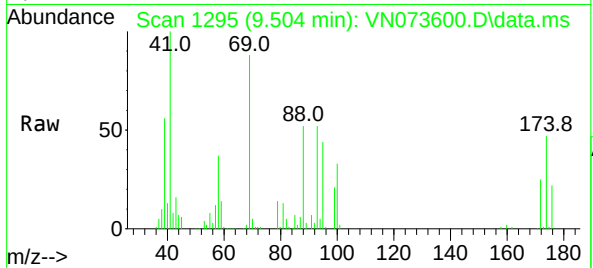
Tgt Ion: 43 Resp: 181198
Ion Ratio Lower Upper
43 100
61 26.8 20.1 30.1





#45
1,4-Dioxane
Concen: 437.800 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

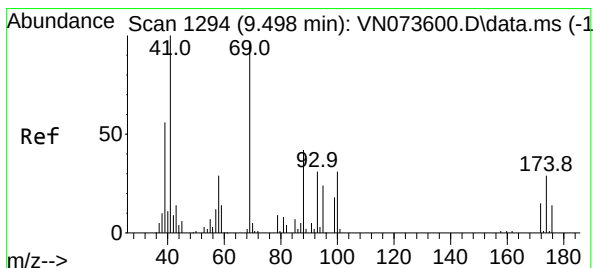
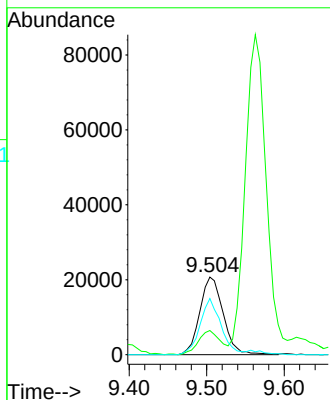
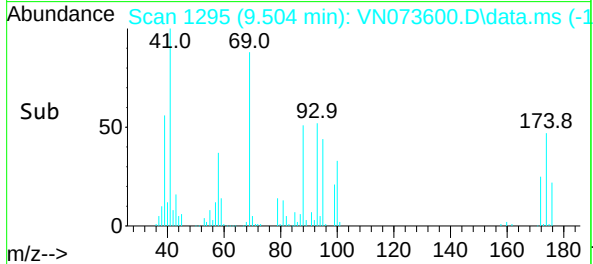
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



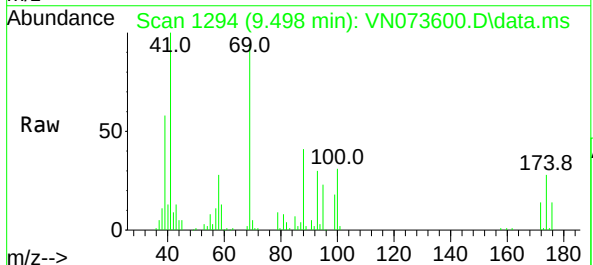
Tgt Ion: 88 Resp: 43588
Ion Ratio Lower Upper
88 100
43 29.6 25.0 37.6
58 64.1 49.4 74.2

Manual Integrations
APPROVED

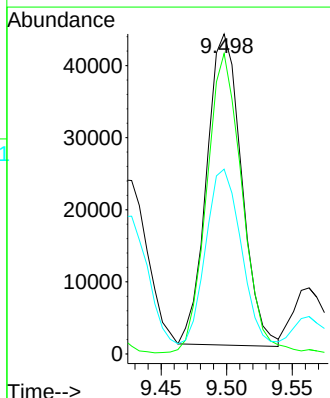
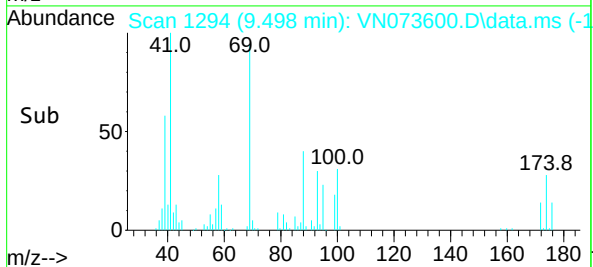
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

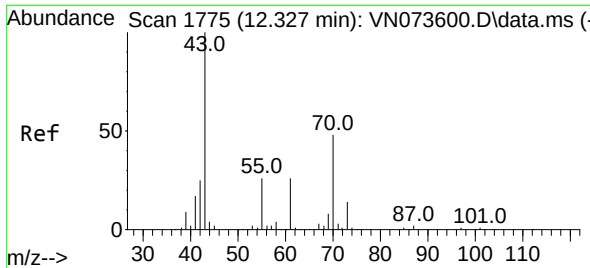


#46
Methyl methacrylate
Concen: 16.624 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



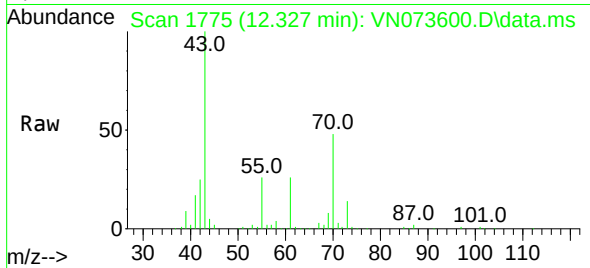
Tgt Ion: 41 Resp: 79872
Ion Ratio Lower Upper
41 100
69 95.6 44.4 133.2
39 56.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.146 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

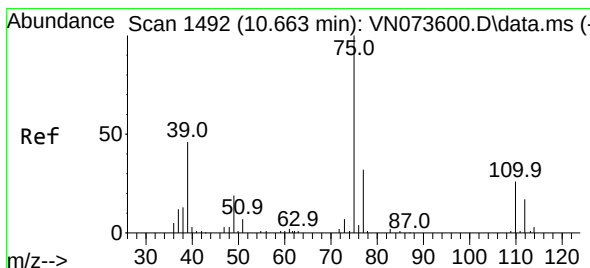
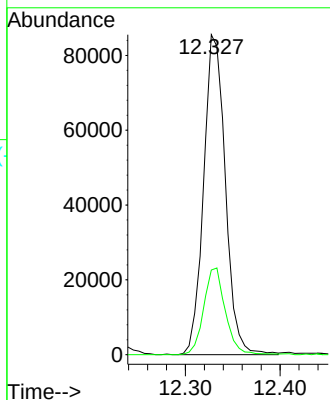
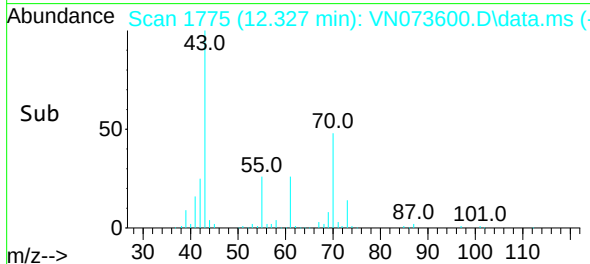
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



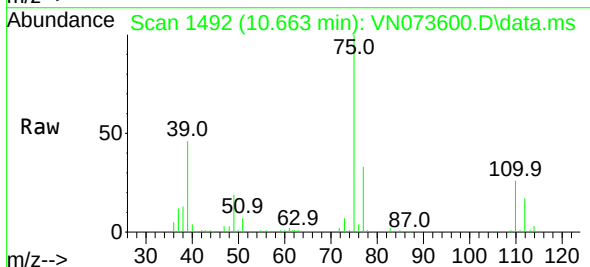
Tgt Ion: 43 Resp: 136479
Ion Ratio Lower Upper
43 100
55 26.9 19.0 28.6

Manual Integrations
APPROVED

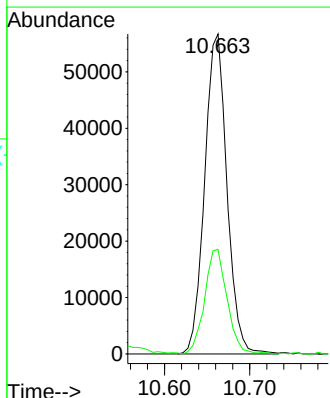
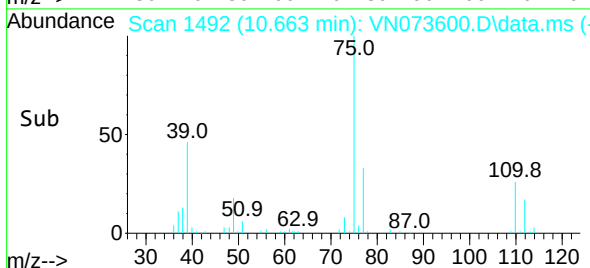
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

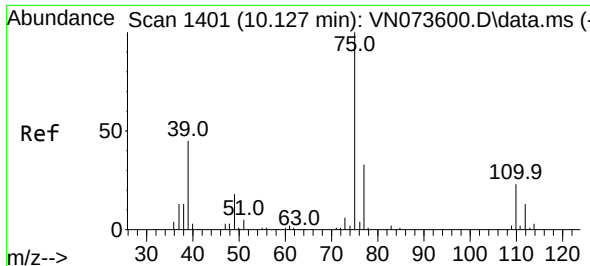


#48
t-1,3-Dichloropropene
Concen: 20.318 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 75 Resp: 103061
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 21.586 ug/l

RT: 10.127 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 119820

Ion Ratio Lower Upper

75 100

77 32.8 25.3 37.9

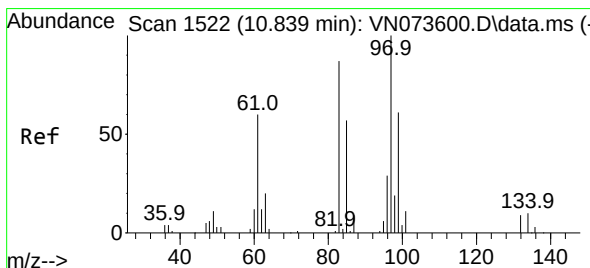
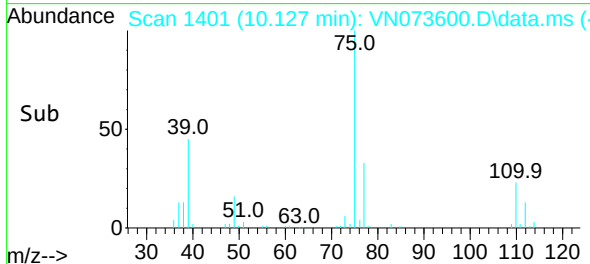
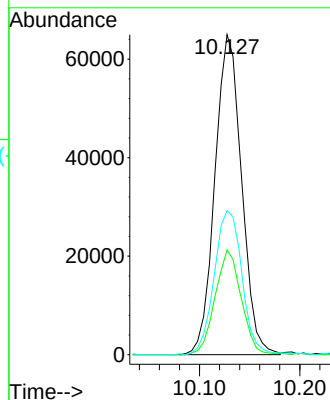
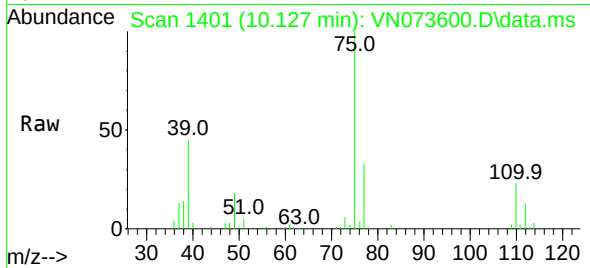
39 44.7 46.2 69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#50

1,1,2-Trichloroethane

Concen: 21.023 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Tgt Ion: 97 Resp: 81701

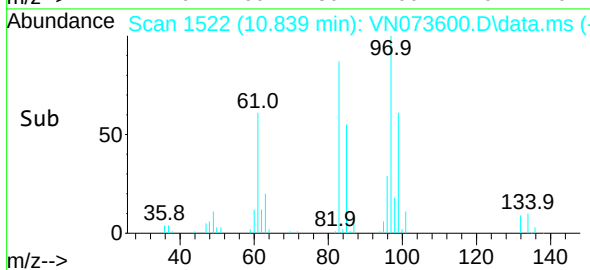
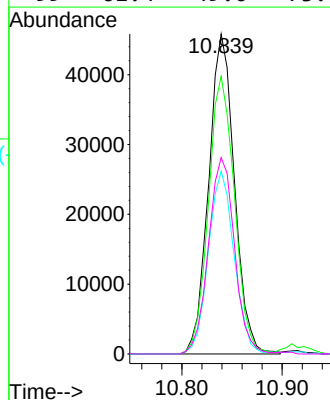
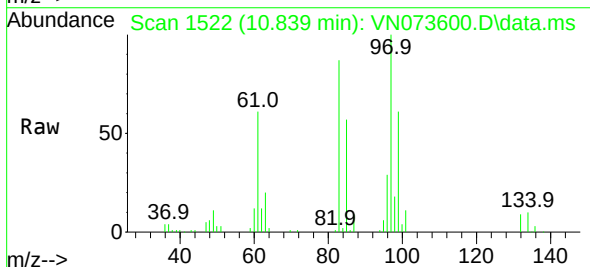
Ion Ratio Lower Upper

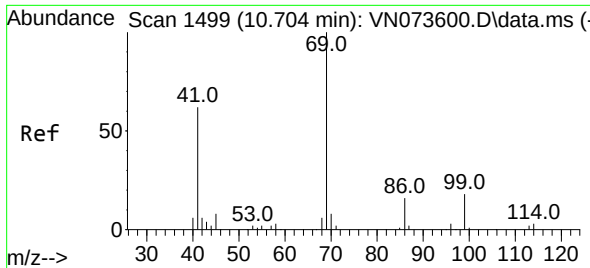
97 100

83 86.7 67.2 100.8

85 57.1 43.0 64.4

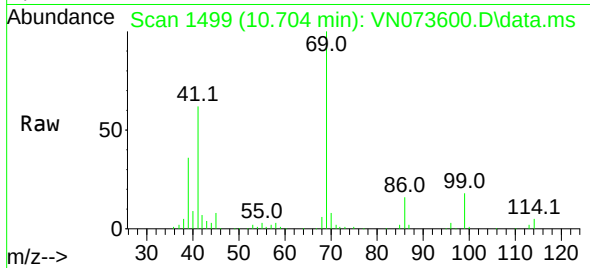
99 61.4 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.437 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

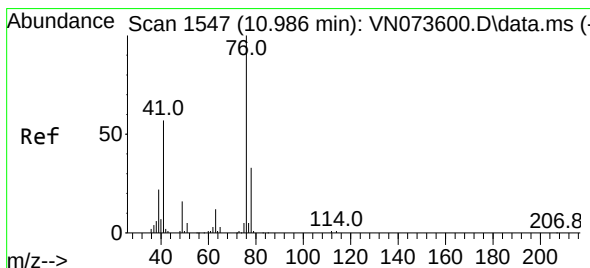
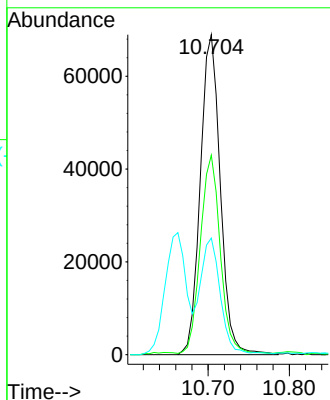
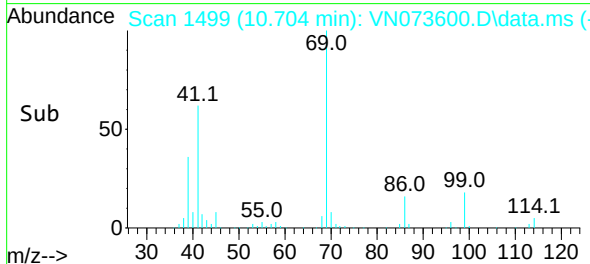
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



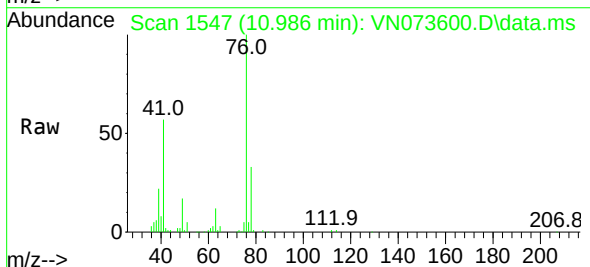
Tgt Ion: 69 Resp: 118100
Ion Ratio Lower Upper
69 100
41 62.0 33.0 98.9
39 35.9 25.4 76.4

Manual Integrations
APPROVED

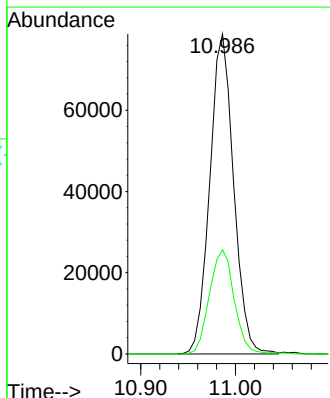
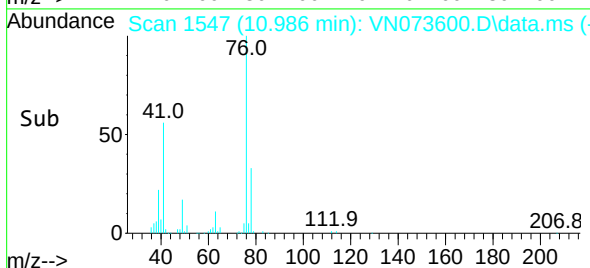
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

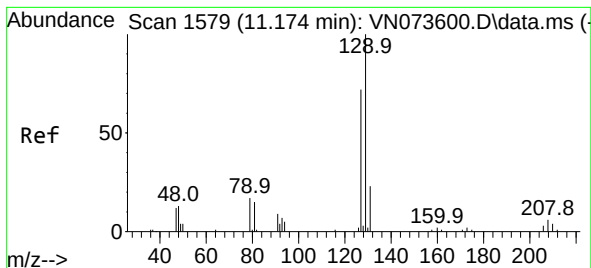


#52
1,3-Dichloropropane
Concen: 20.623 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 76 Resp: 137834
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.4





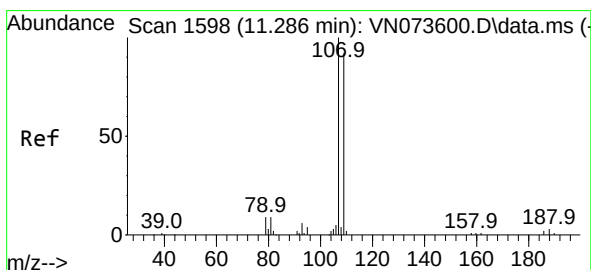
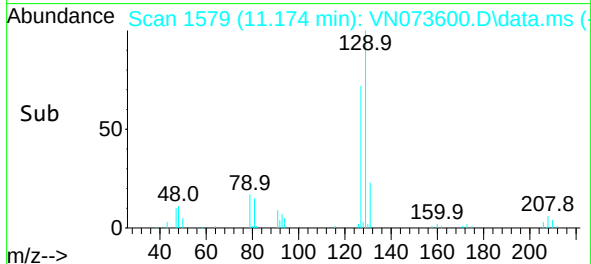
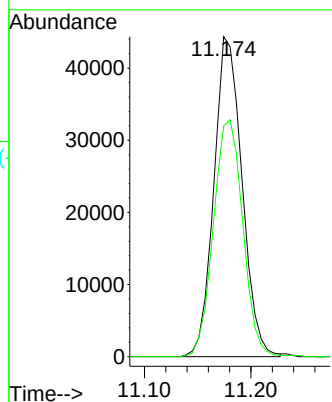
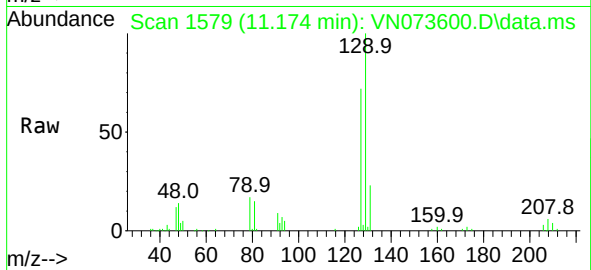
#53
Dibromochloromethane
Concen: 20.056 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 81228
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

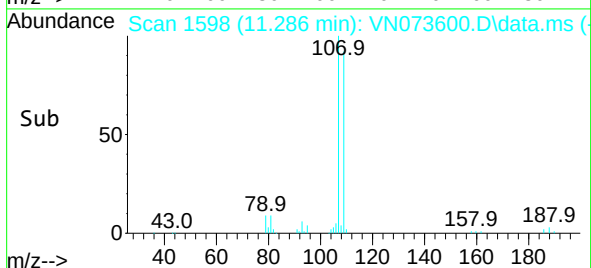
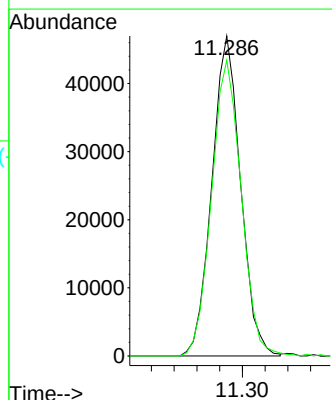
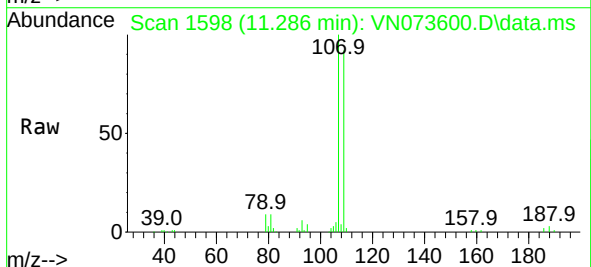
Manual Integrations
APPROVED

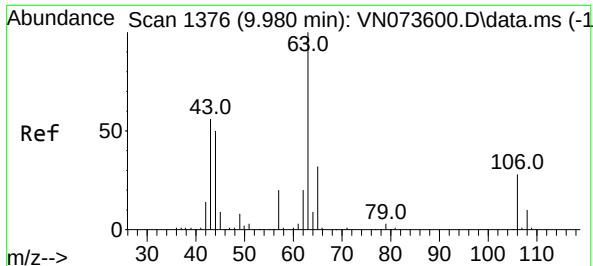
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#54
1,2-Dibromoethane
Concen: 20.252 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Tgt Ion:107 Resp: 82311
Ion Ratio Lower Upper
107 100
109 95.7 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 98.304 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

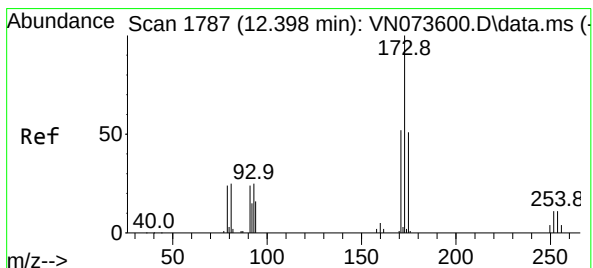
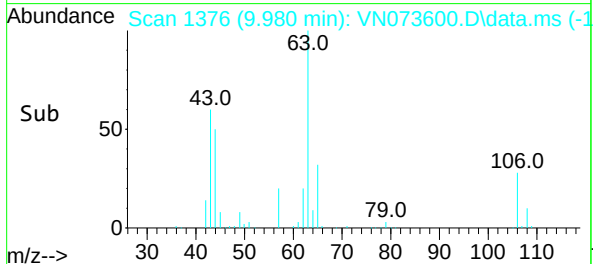
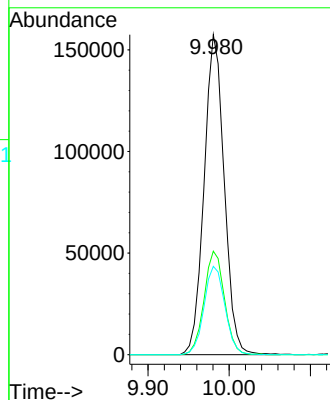
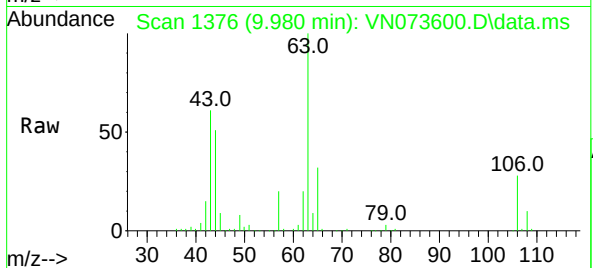
Tgt Ion:	63	Resp:	27065
Ion Ratio	Lower	Upper	
63	100		
65	32.6	25.4	38.0
106	28.6	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#56

Bromoform

Concen: 19.804 ug/l

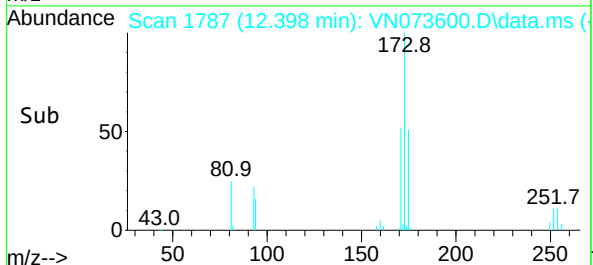
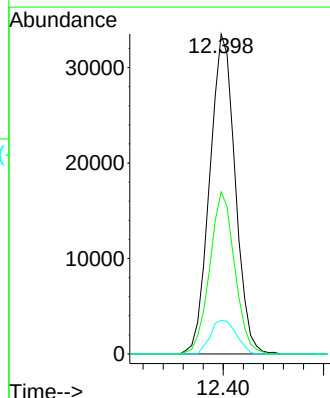
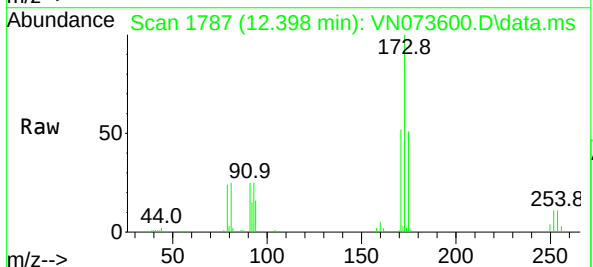
RT: 12.398 min Scan# 1787

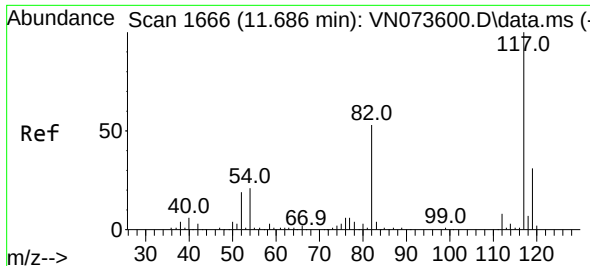
Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Tgt Ion:	173	Resp:	59065
Ion Ratio	Lower	Upper	
173	100		
175	49.7	38.6	58.0
254	10.7	0.0	0.0





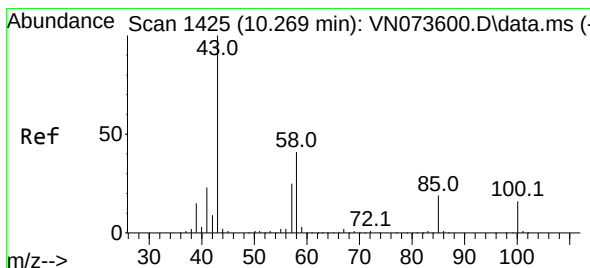
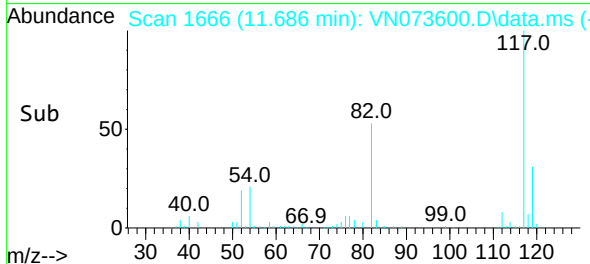
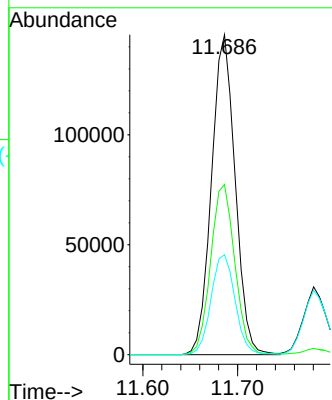
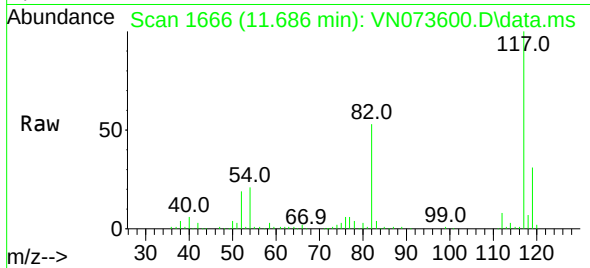
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 253000
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.8 25.8 38.6

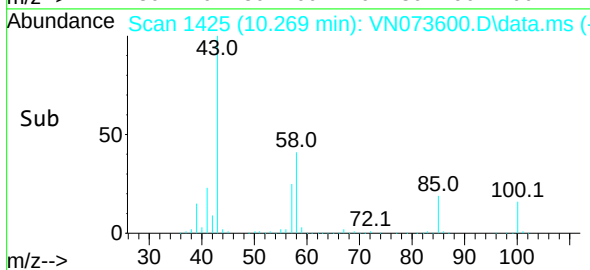
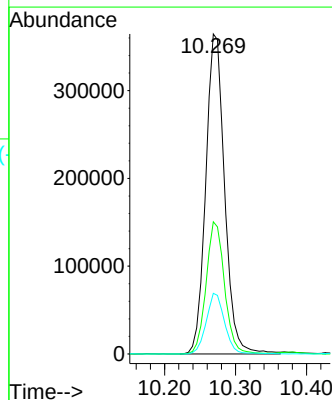
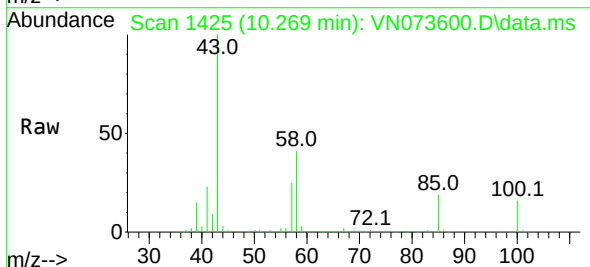
Manual Integrations
APPROVED

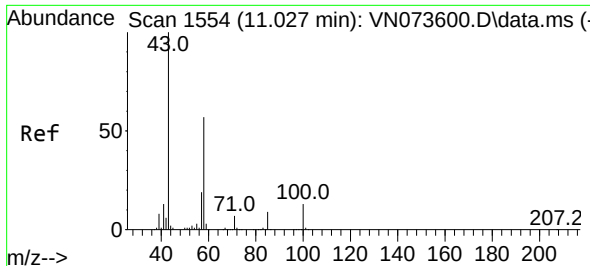
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#58
4-Methyl-2-Pentanone
Concen: 93.604 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

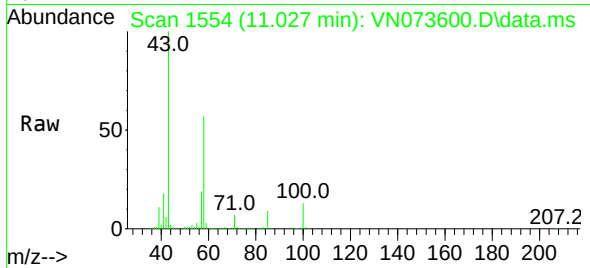
Tgt Ion: 43 Resp: 674461
Ion Ratio Lower Upper
43 100
58 40.4 30.0 45.0
85 18.2 15.0 22.6





#59
2-Hexanone
Concen: 93.111 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

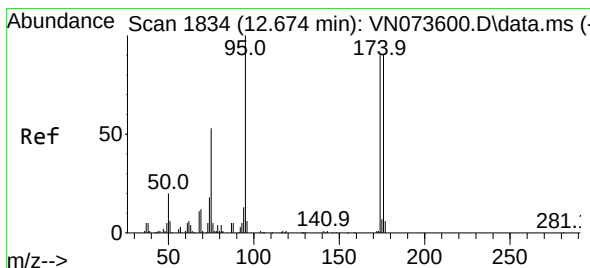
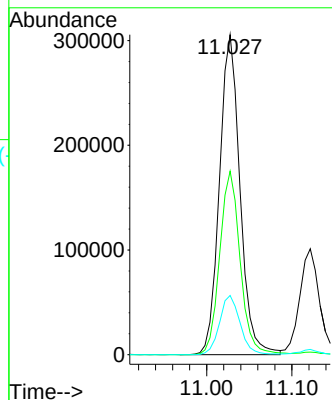
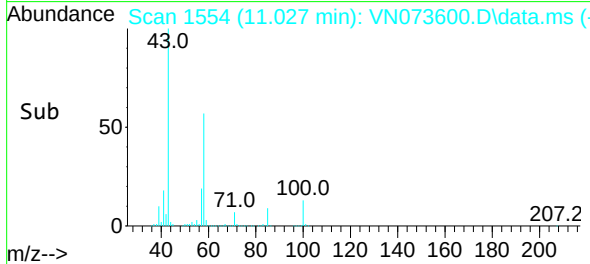
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 512974
Ion Ratio Lower Upper
43 100
58 57.0 42.2 63.2
57 18.6 15.0 22.4

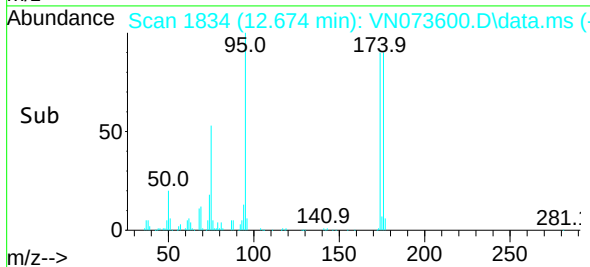
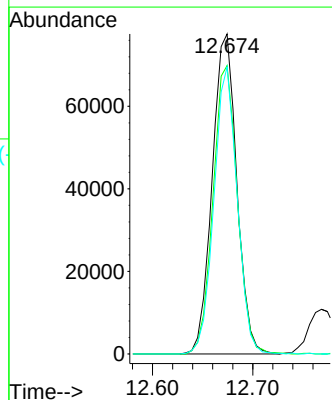
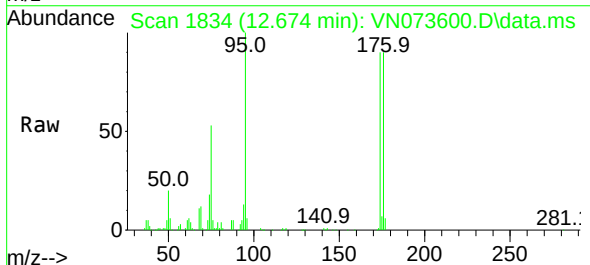
Manual Integrations
APPROVED

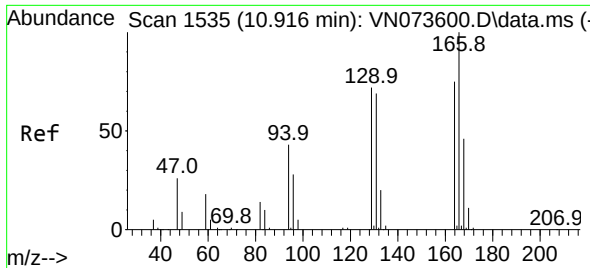
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#60
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

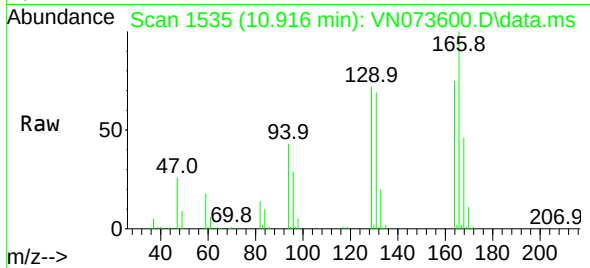
Tgt Ion: 95 Resp: 132055
Ion Ratio Lower Upper
95 100
174 88.8 62.9 94.3
176 84.7 61.0 91.4





#61
Tetrachloroethene
Concen: 22.814 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

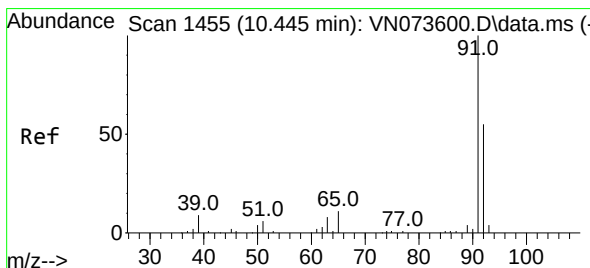
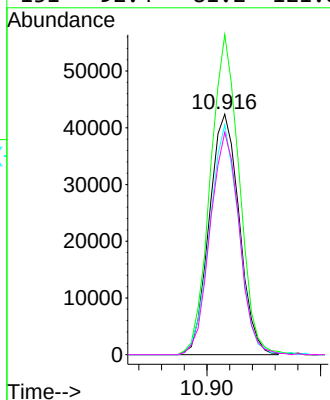
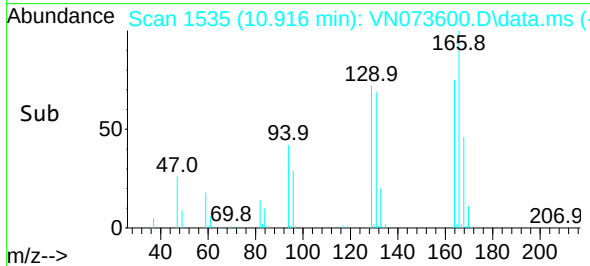
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



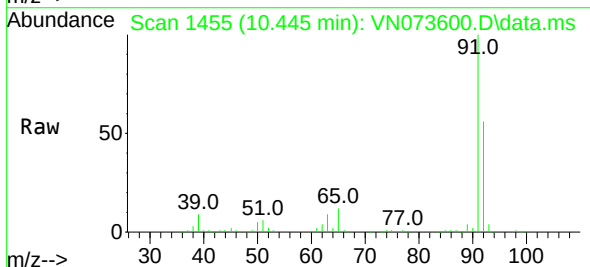
Tgt Ion:164 Resp: 77662
Ion Ratio Lower Upper
164 100
166 133.1 105.8 158.8
129 95.5 82.5 123.7
131 92.4 81.2 121.8

Manual Integrations
APPROVED

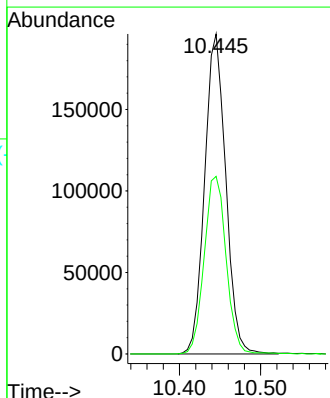
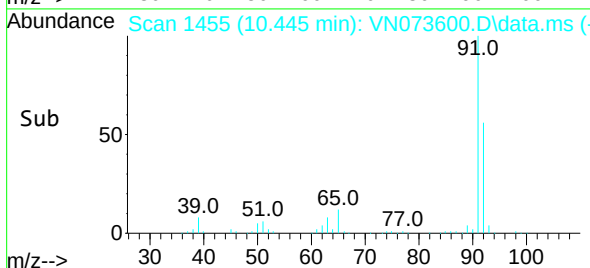
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

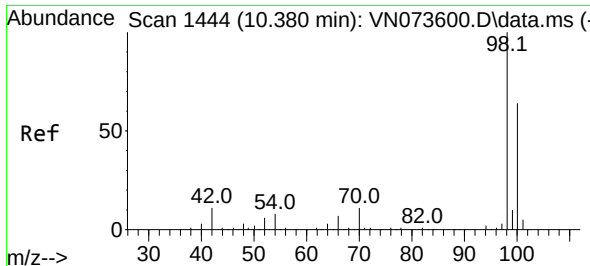


#62
Toluene
Concen: 20.885 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



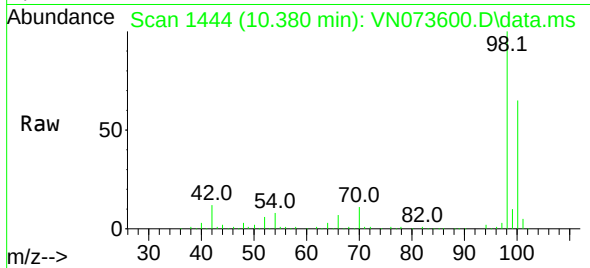
Tgt Ion: 91 Resp: 354318
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





#63
Toluene-d8
Concen: 31.908 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

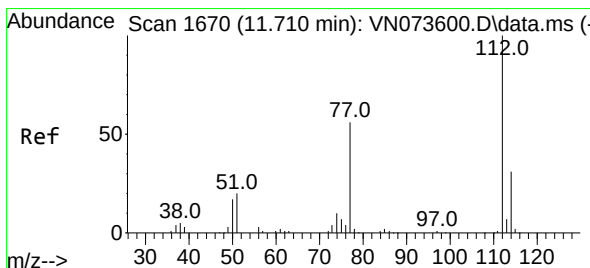
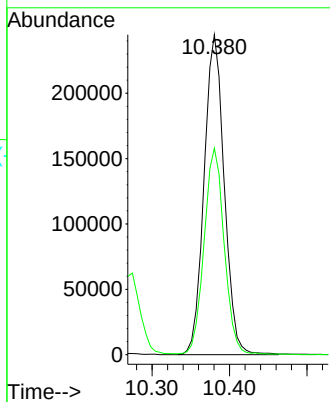
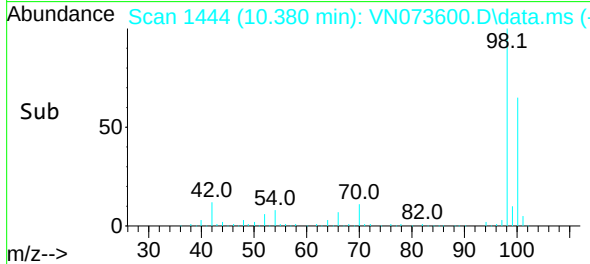
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 442810
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0

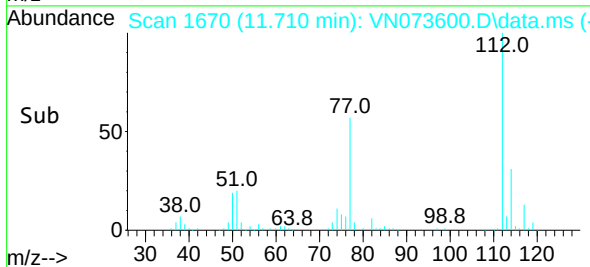
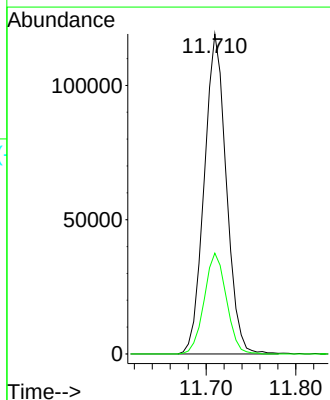
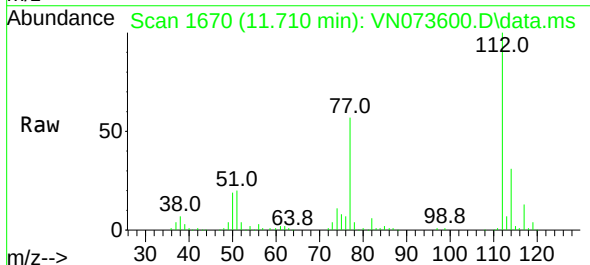
Manual Integrations
APPROVED

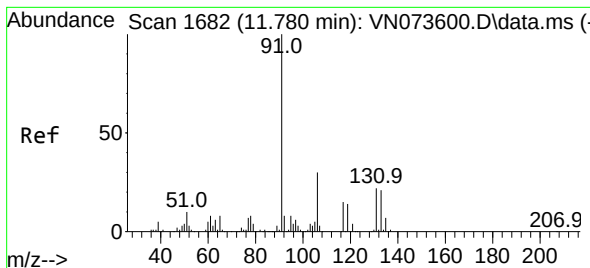
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Chlorobenzene
Concen: 20.048 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

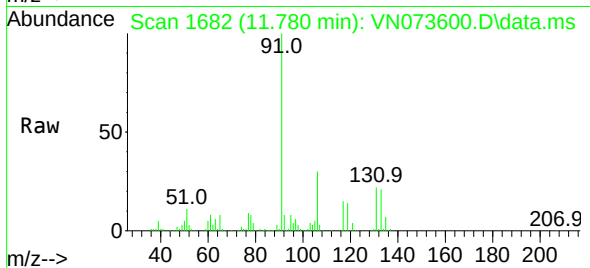
Tgt Ion:112 Resp: 203558
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.651 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

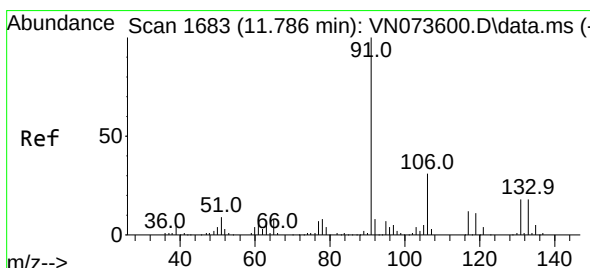
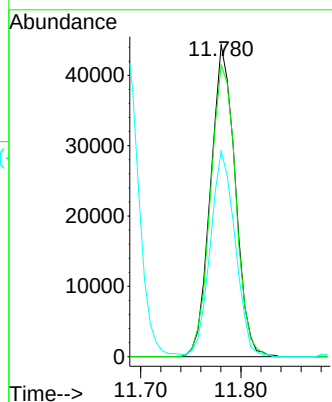
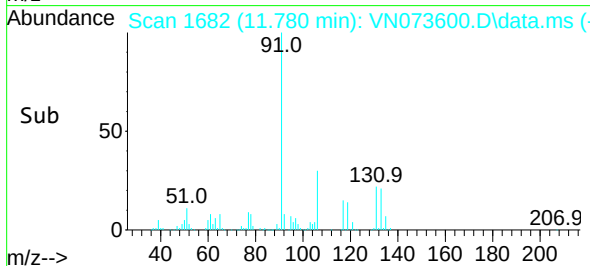
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 75560
Ion Ratio Lower Upper
131 100
133 96.6 0.0 191.2
119 66.7 0.0 128.8

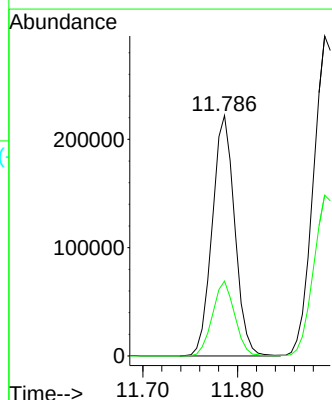
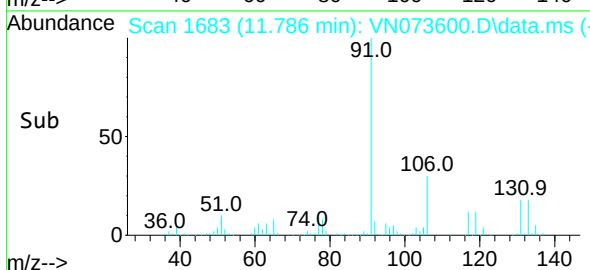
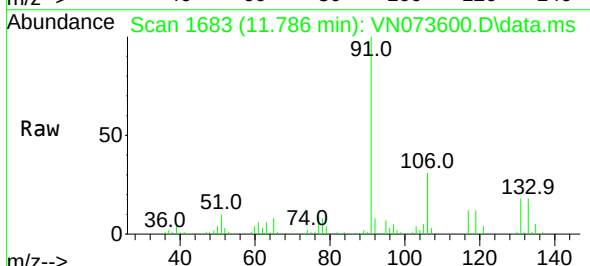
Manual Integrations
APPROVED

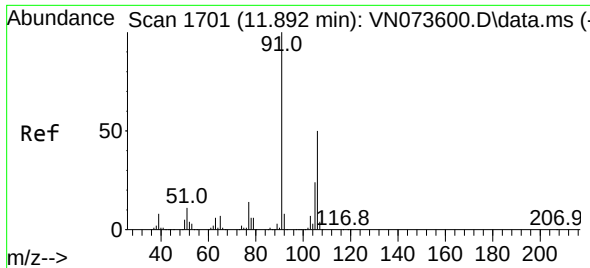
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 19.707 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

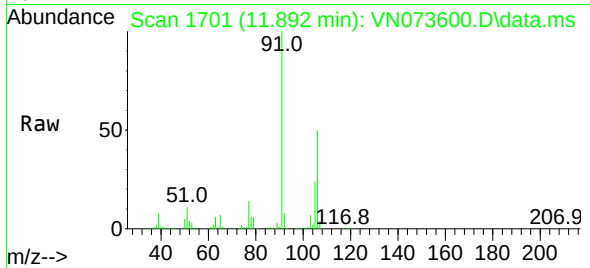
Tgt Ion: 91 Resp: 365732
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#67
m/p-Xylenes
Concen: 40.561 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

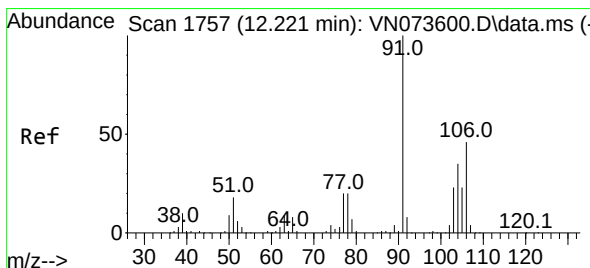
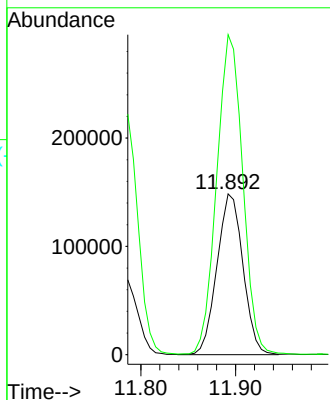
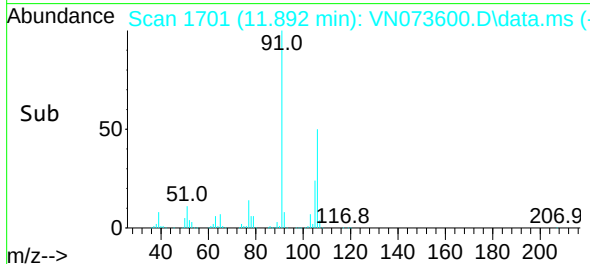
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



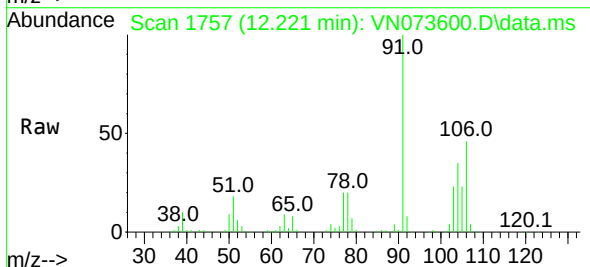
Tgt Ion:106 Resp: 28349
Ion Ratio Lower Upper
106 100
91 199.0 162.9 244.3

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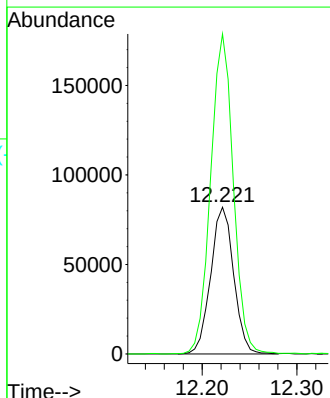
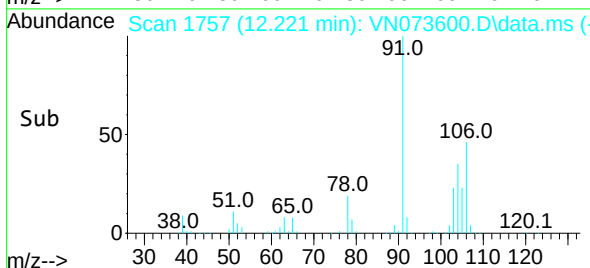
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

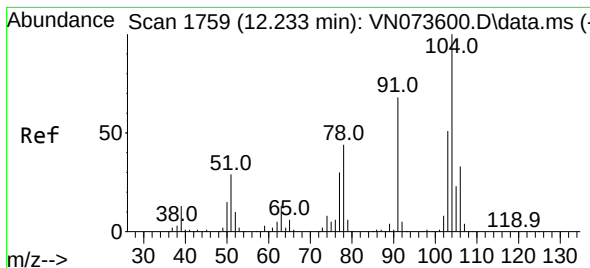


#68
o-Xylene
Concen: 19.744 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion:106 Resp: 138183
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1





#69

Styrene

Concen: 20.255 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

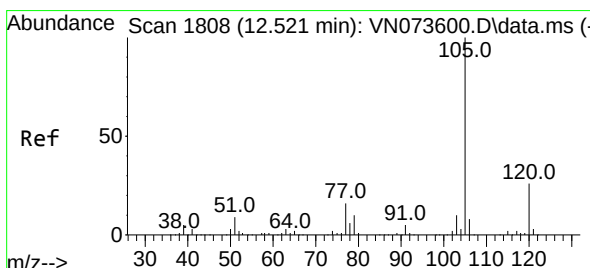
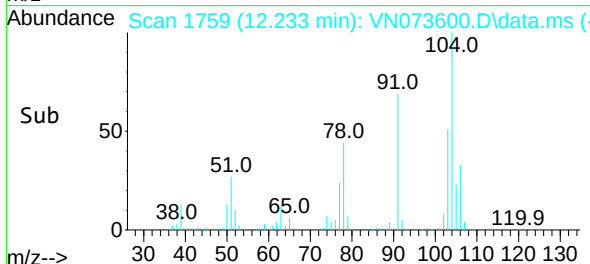
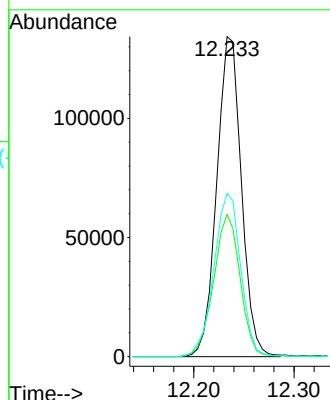
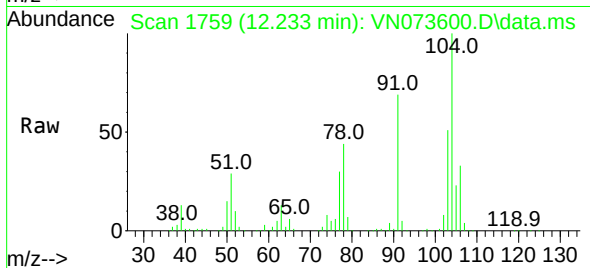
Tgt Ion:104 Resp: 229100
 Ion Ratio Lower Upper
 104 100
 78 47.8 40.7 61.1
 103 55.5 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#70

Isopropylbenzene

Concen: 19.843 ug/l

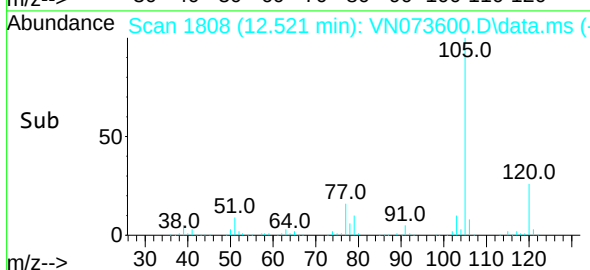
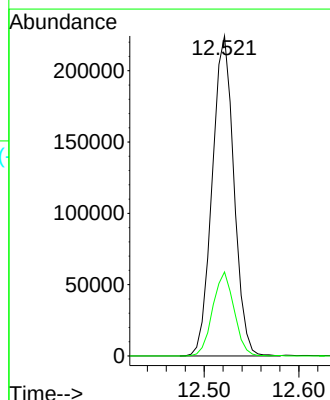
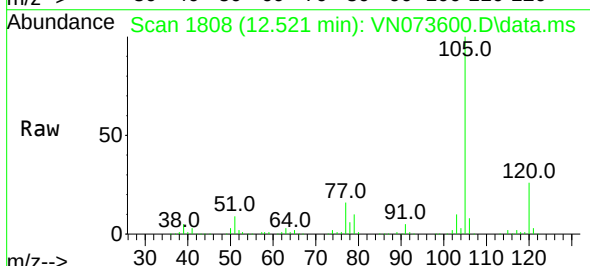
RT: 12.521 min Scan# 1808

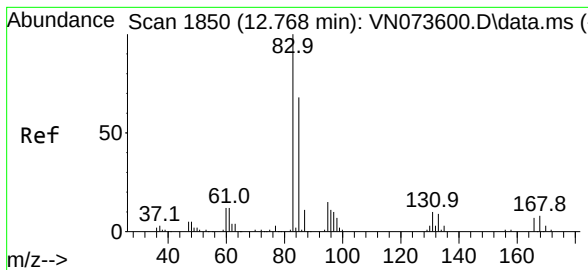
Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

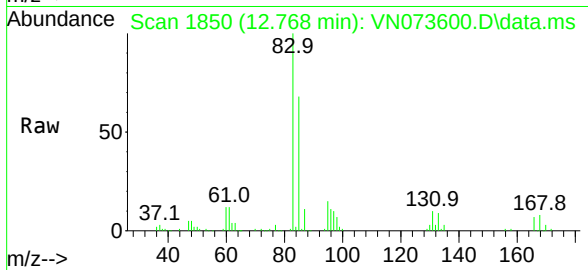
Tgt Ion:105 Resp: 356637
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.581 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073600.D
 Acq: 27 Jul 2022 11:55

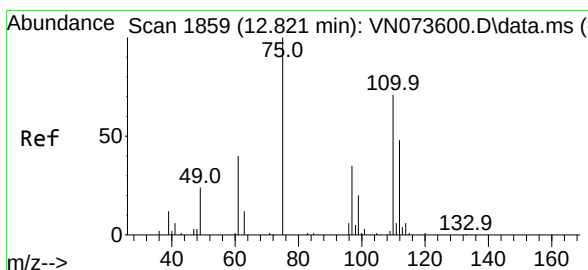
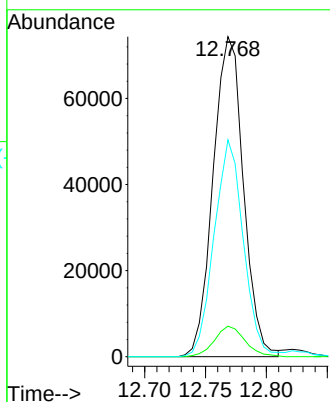
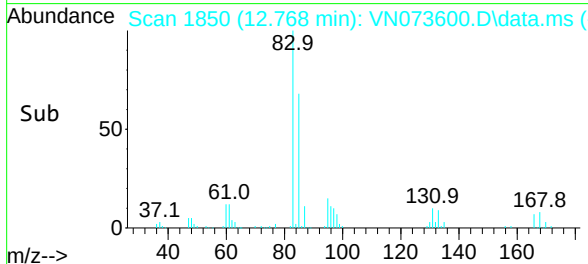
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 83 Resp: 12892
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 65.1 33.1 99.2

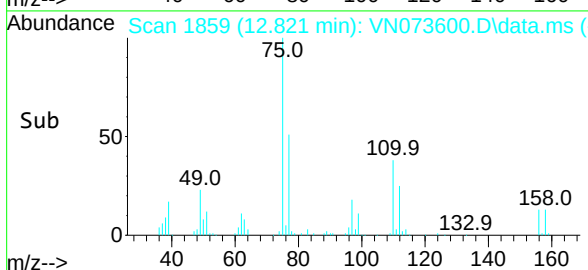
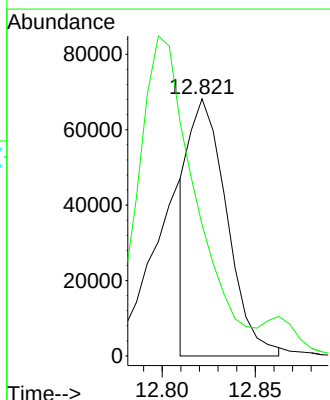
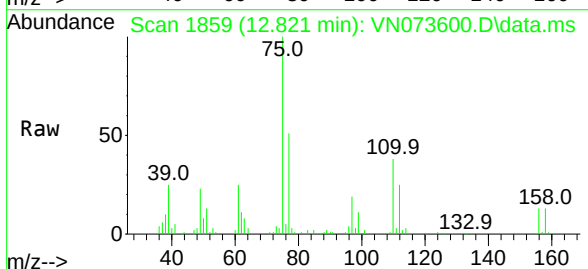
Manual Integrations
 APPROVED

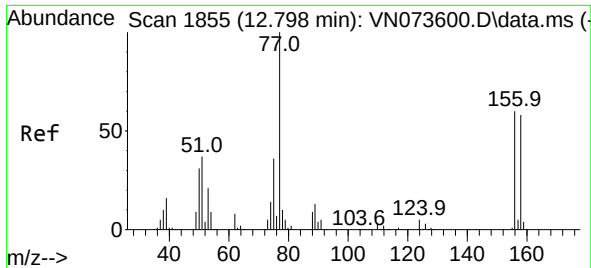
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#72
 1,2,3-Trichloropropane
 Concen: 19.725 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073600.D
 Acq: 27 Jul 2022 11:55

Tgt Ion: 75 Resp: 96959
 Ion Ratio Lower Upper
 75 100
 77 188.8 0.0 378.0





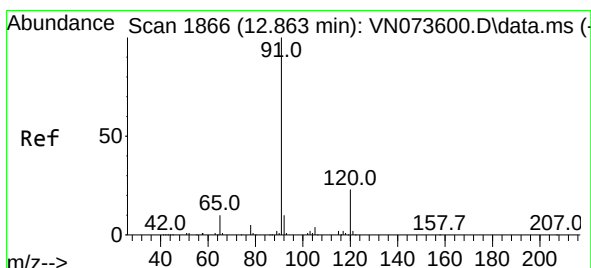
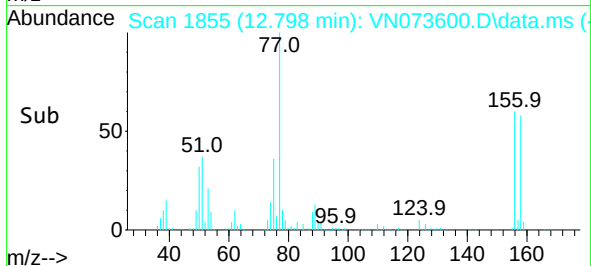
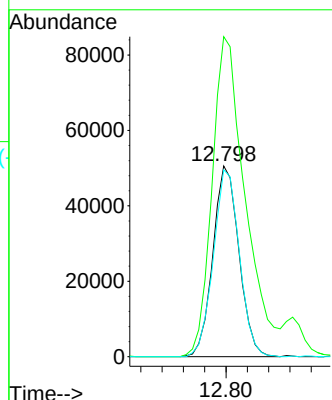
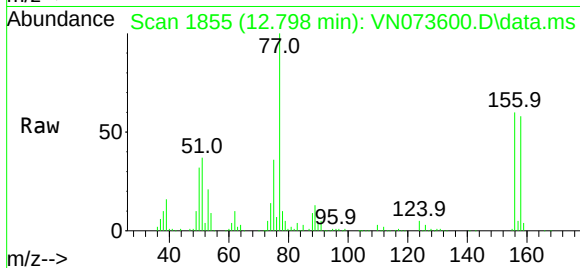
#73
Bromobenzene
Concen: 20.223 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 8565
Ion Ratio Lower Upper
156 100
77 213.8 0.0 416.0
158 98.2 0.0 195.4

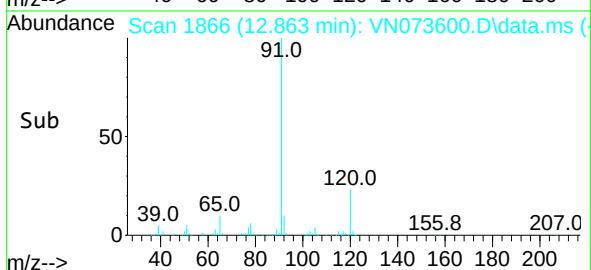
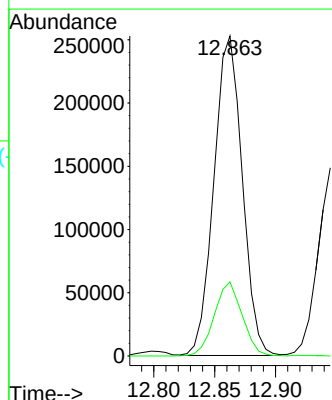
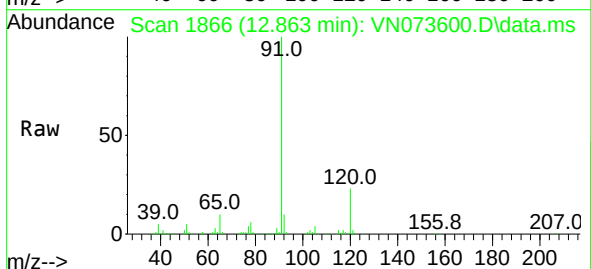
Manual Integrations
APPROVED

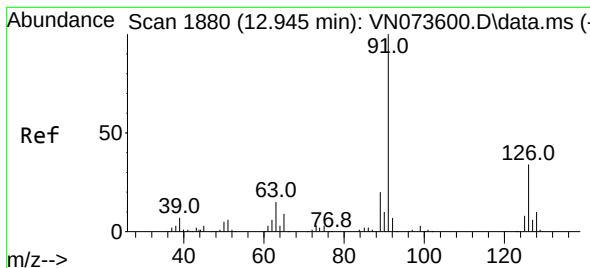
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#74
n-propylbenzene
Concen: 19.914 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Tgt Ion: 91 Resp: 409234
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





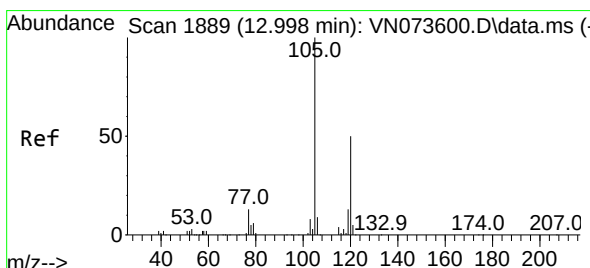
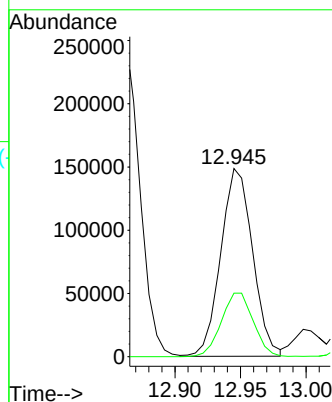
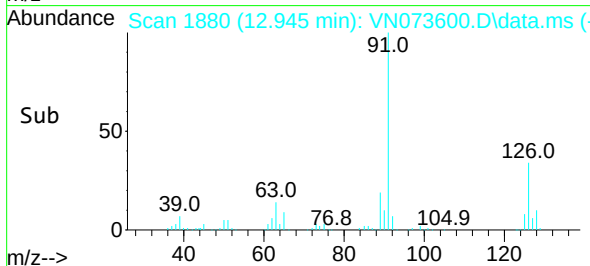
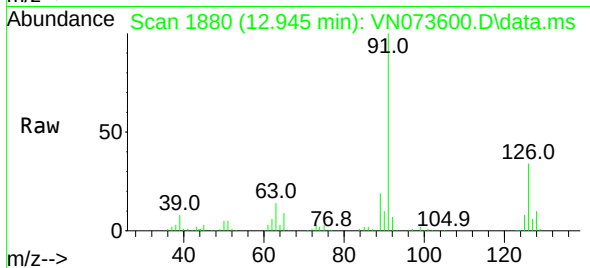
#75
2-Chlorotoluene
Concen: 19.706 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 25124
Ion Ratio Lower Upper
91 100
126 34.1 0.0 69.8

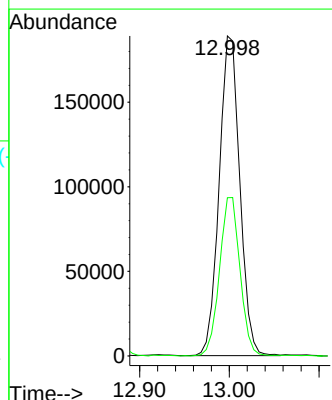
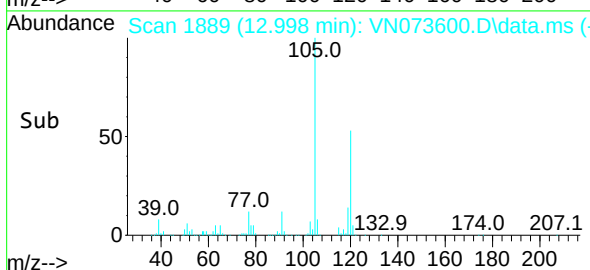
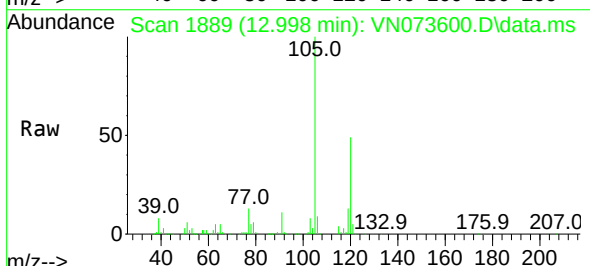
Manual Integrations
APPROVED

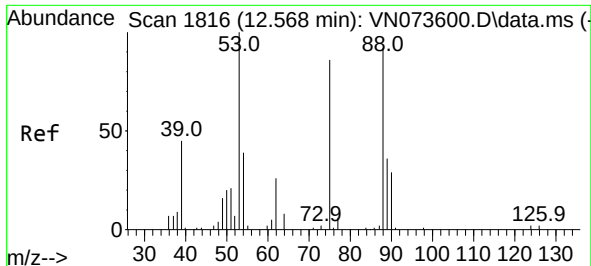
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.090 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

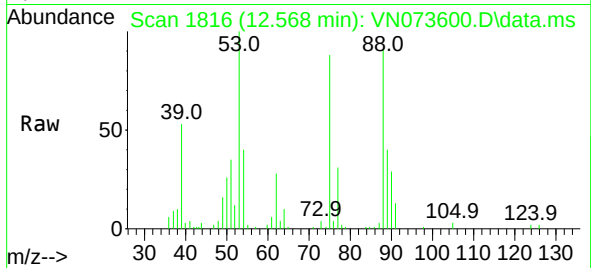
Tgt Ion:105 Resp: 302074
Ion Ratio Lower Upper
105 100
120 49.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 22.405 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

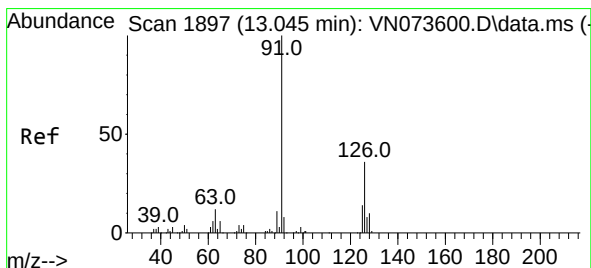
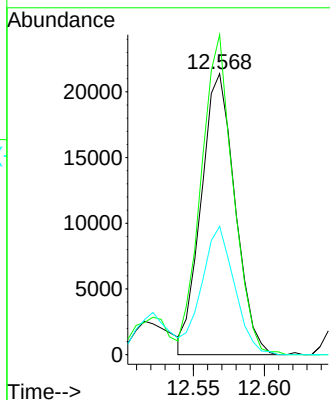
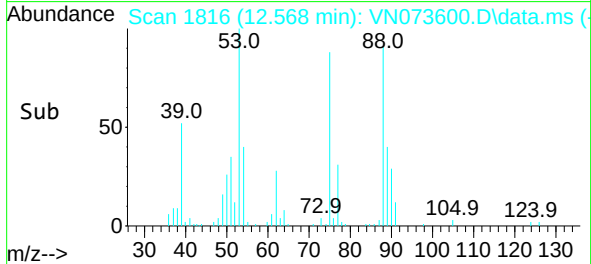
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
53 112.9 51.8 155.5
89 45.7 22.9 68.7

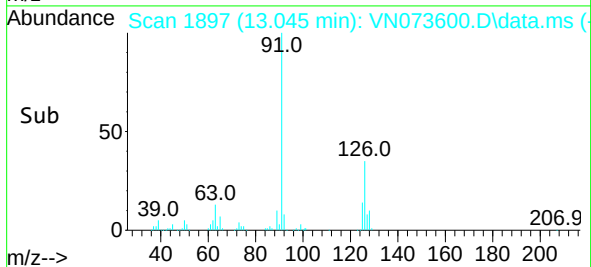
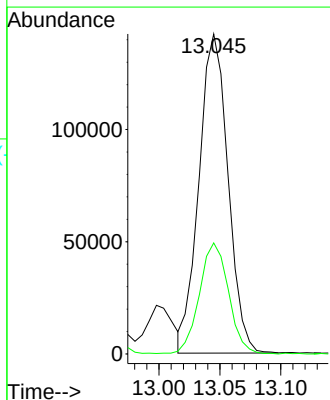
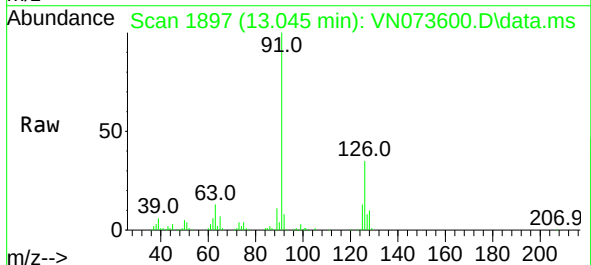
Manual Integrations
APPROVED

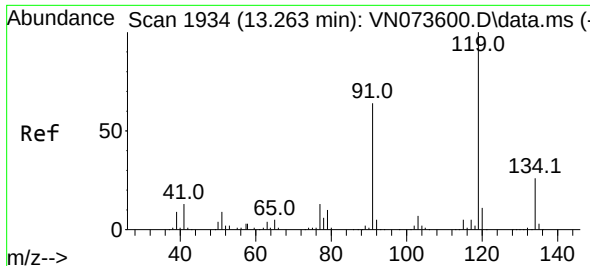
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 19.300 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

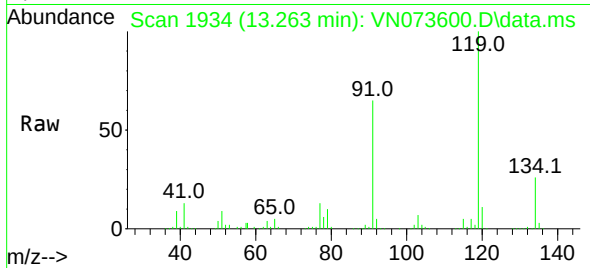
Tgt Ion: 91 Resp: 236300
Ion Ratio Lower Upper
91 100
126 34.9 0.0 70.6





#79
tert-butylbenzene
Concen: 19.238 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

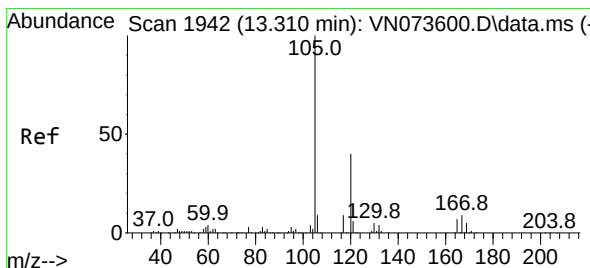
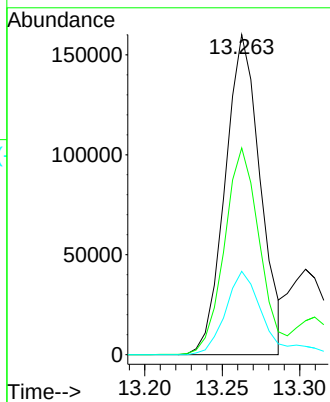
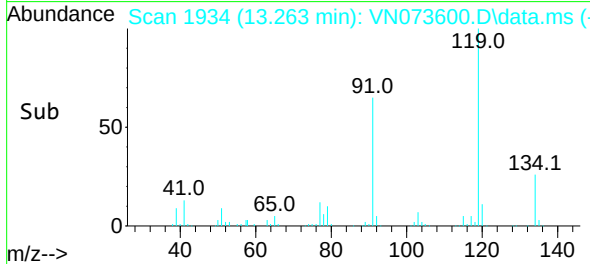
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



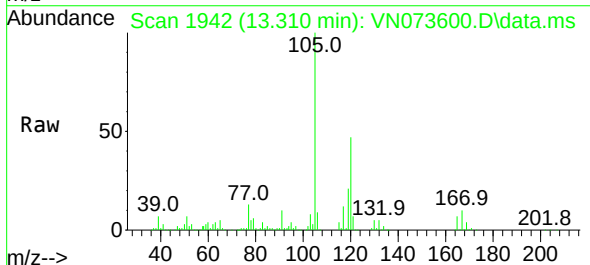
Tgt Ion:119 Resp: 252874
Ion Ratio Lower Upper
119 100
91 64.7 0.0 137.0
134 25.9 0.0 47.6

Manual Integrations
APPROVED

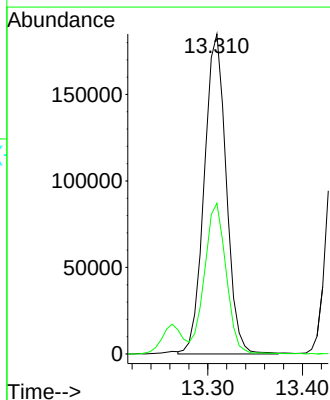
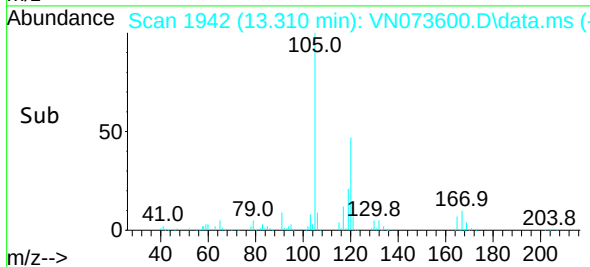
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

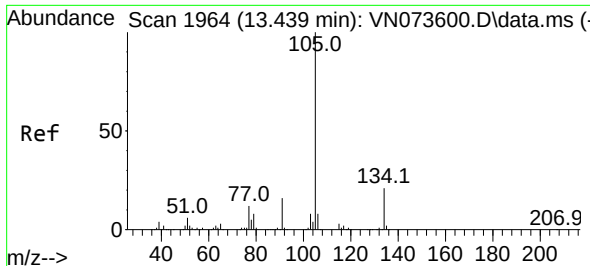


#80
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



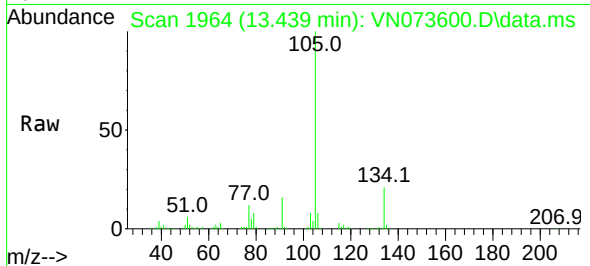
Tgt Ion:105 Resp: 297507
Ion Ratio Lower Upper
105 100
120 46.0 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 20.143 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073600.D
 Acq: 27 Jul 2022 11:55

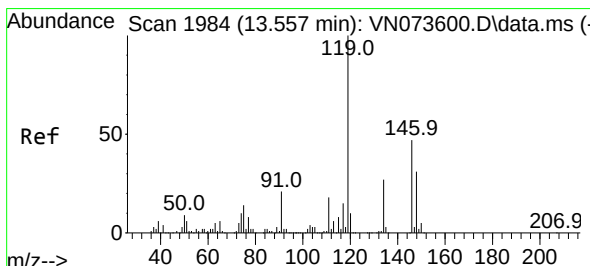
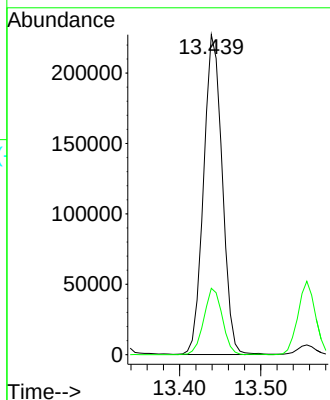
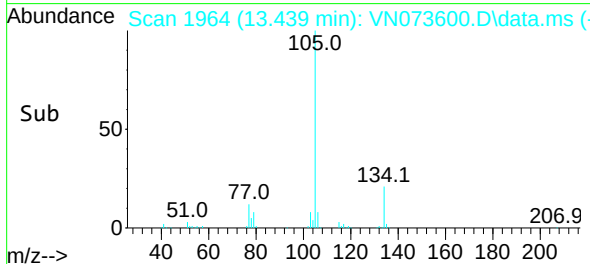
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



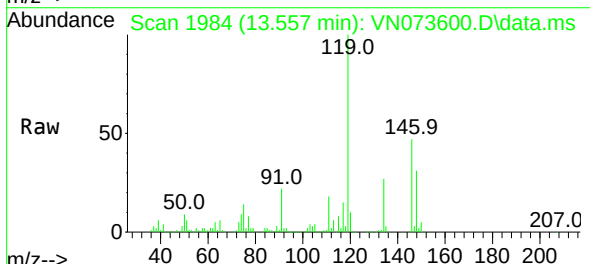
Tgt Ion:105 Resp: 361898
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 39.4

Manual Integrations
 APPROVED

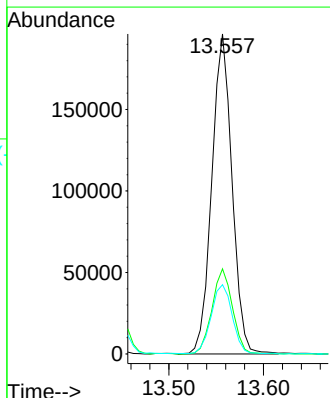
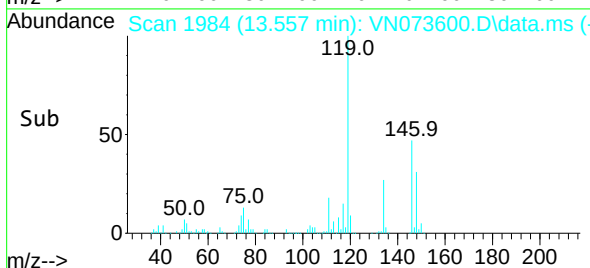
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

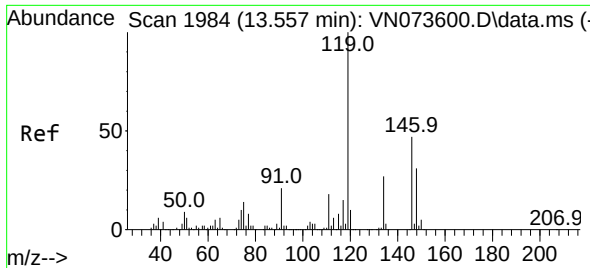


#82
 p-Isopropyltoluene
 Concen: 20.021 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073600.D
 Acq: 27 Jul 2022 11:55



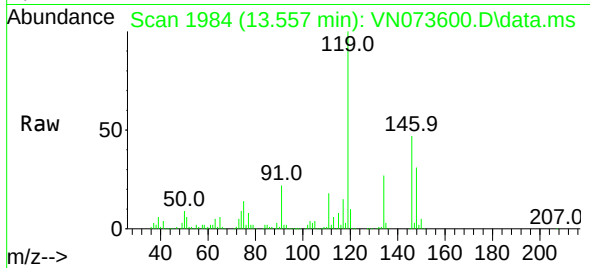
Tgt Ion:119 Resp: 291796
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 22.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.782 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

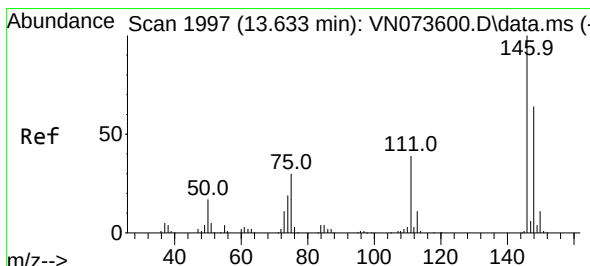
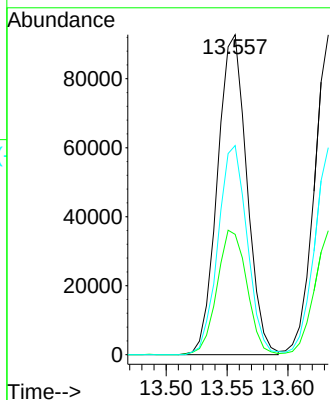
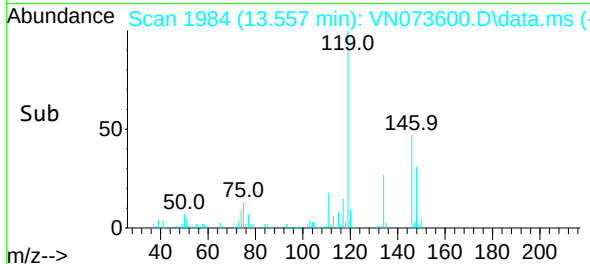
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



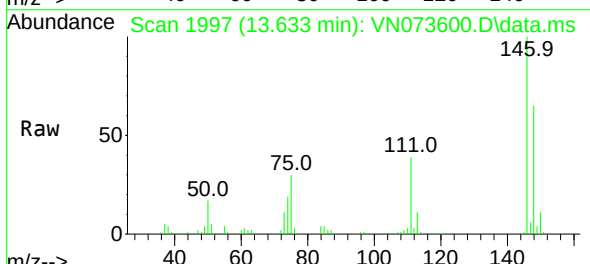
Tgt Ion:146 Resp: 155917
Ion Ratio Lower Upper
146 100
111 39.4 20.8 62.2
148 64.9 31.4 94.3

Manual Integrations
APPROVED

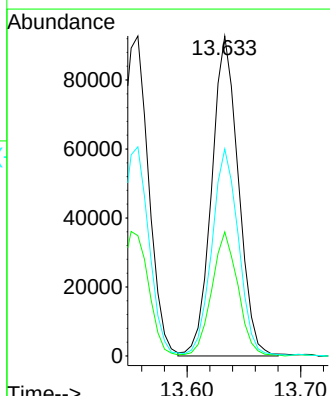
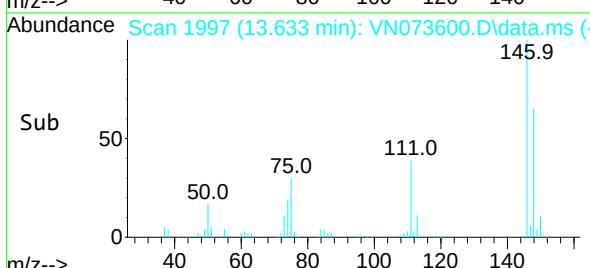
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

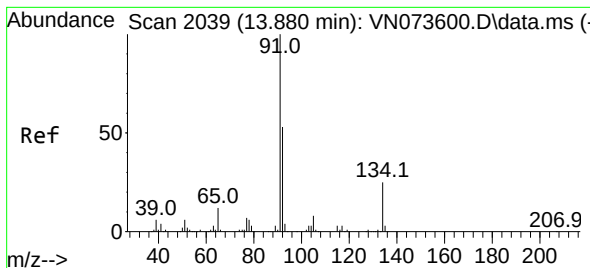


#84
1,4-Dichlorobenzene
Concen: 20.332 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion:146 Resp: 151789
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 64.4 31.1 93.5





#85

n-Butylbenzene

Concen: 18.872 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

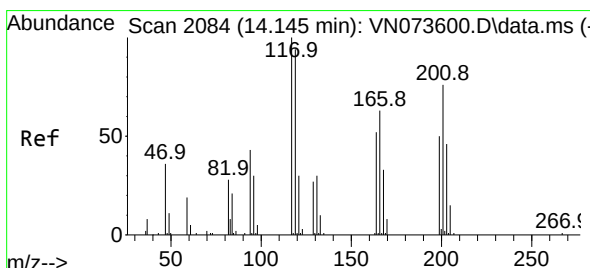
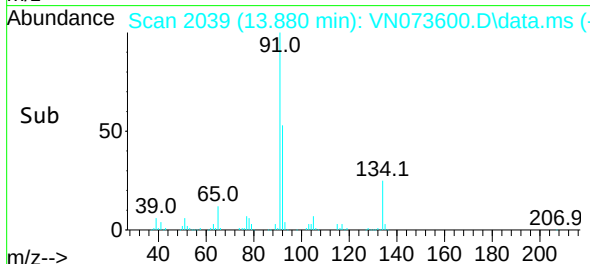
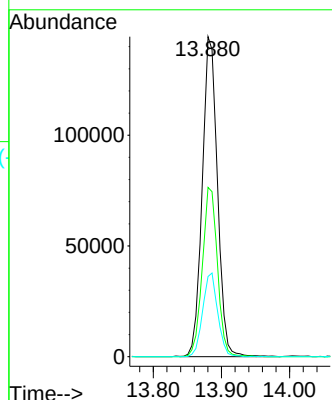
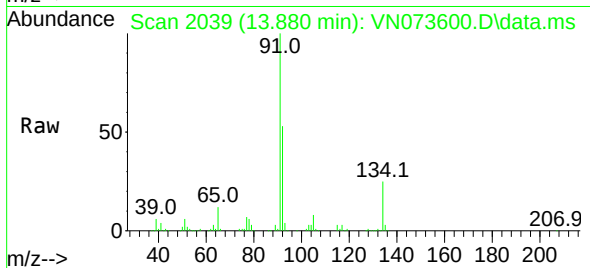
Tgt Ion:	91	Resp:	224330
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	100.6
134	25.8	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#86

Hexachloroethane

Concen: 18.771 ug/l

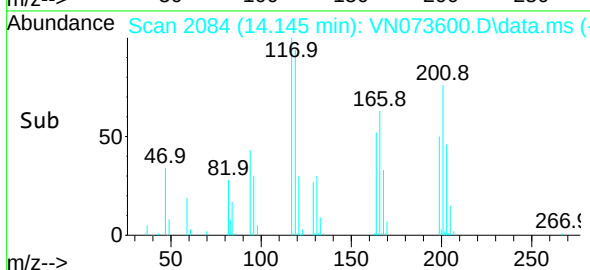
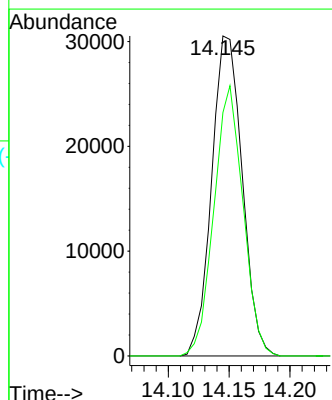
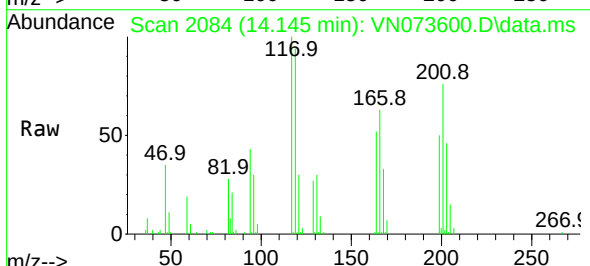
RT: 14.145 min Scan# 2084

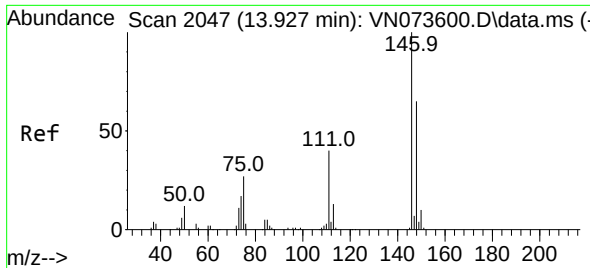
Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

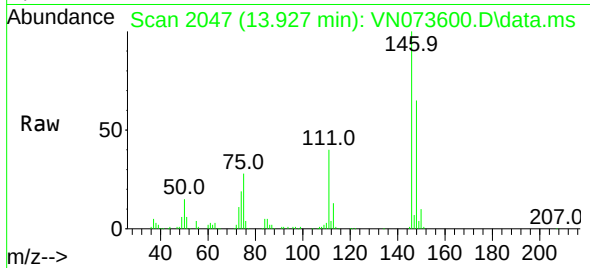
Tgt Ion:	117	Resp:	53317
Ion	Ratio	Lower	Upper
117	100		
201	80.5	33.3	99.8





#87
1,2-Dichlorobenzene
Concen: 20.855 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

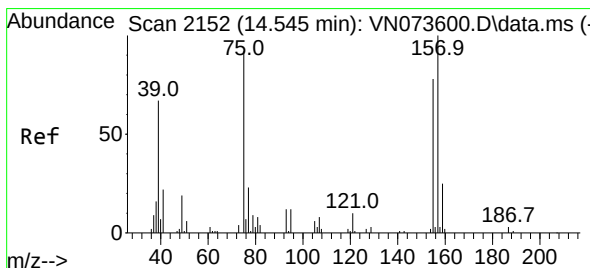
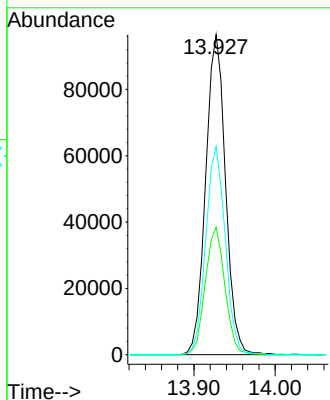
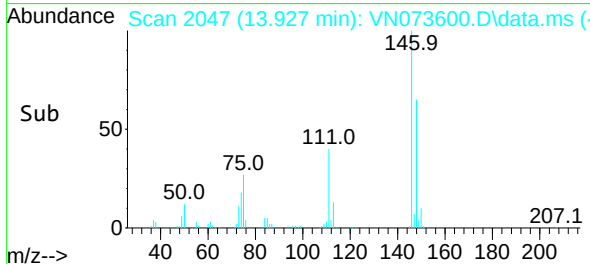
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



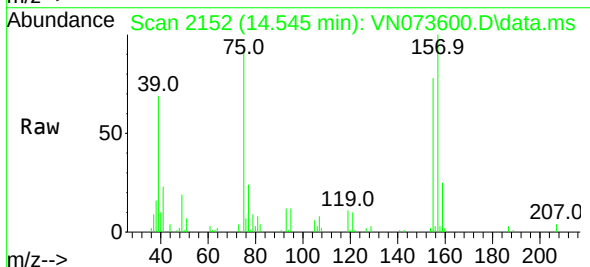
Tgt Ion:146 Resp: 163872
Ion Ratio Lower Upper
146 100
111 39.3 21.4 64.2
148 63.9 32.5 97.4

Manual Integrations
APPROVED

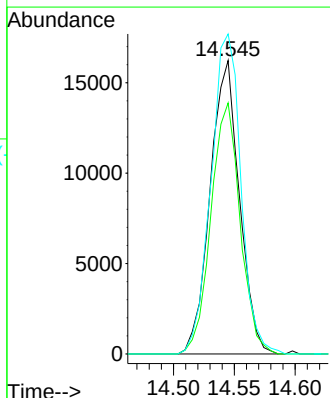
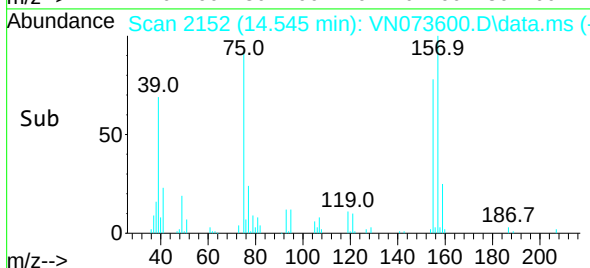
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

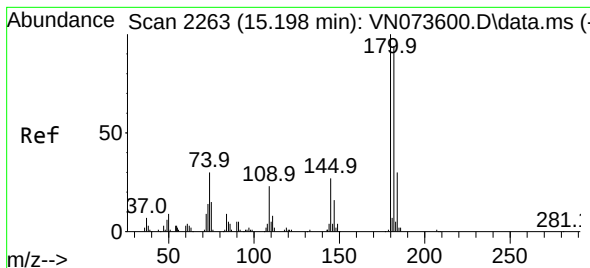


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.579 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion: 75 Resp: 27195
Ion Ratio Lower Upper
75 100
155 85.1 63.8 95.8
157 111.5 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 19.072 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

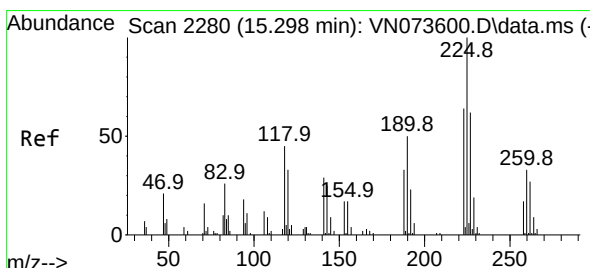
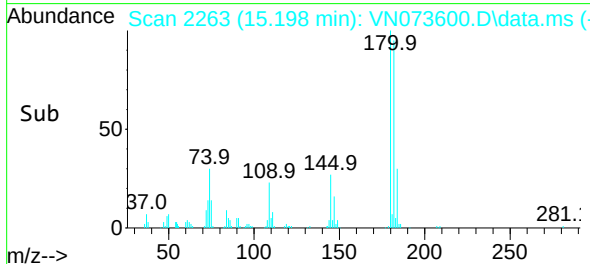
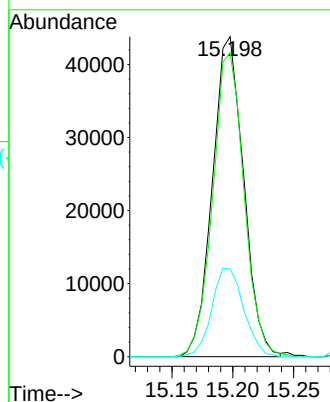
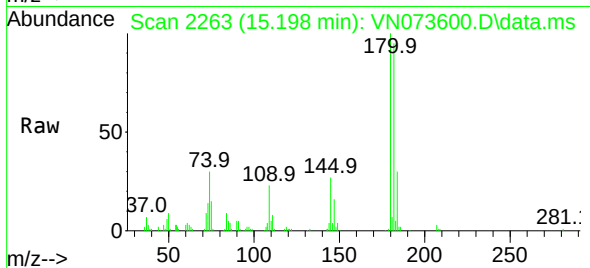
Tgt Ion:180	Resp:	7817
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.7 116.5
145	28.3	26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#90

Hexachlorobutadiene

Concen: 24.213 ug/l

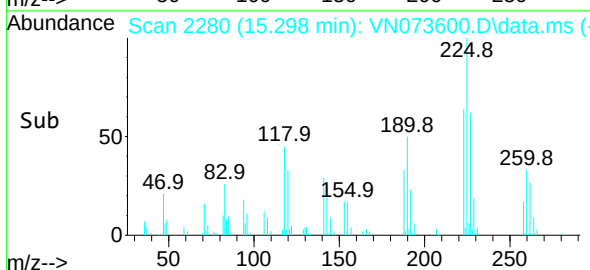
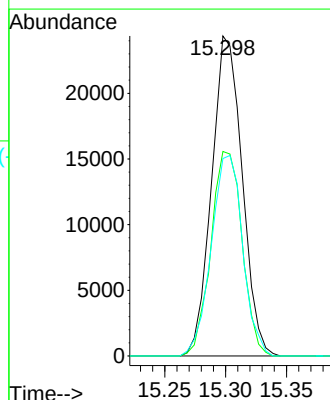
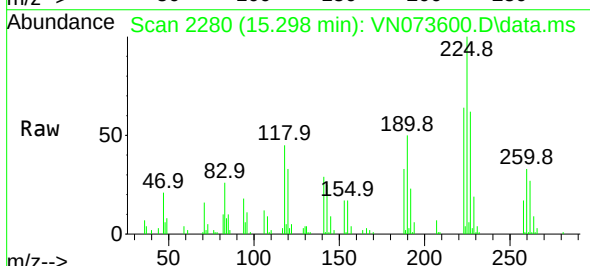
RT: 15.298 min Scan# 2280

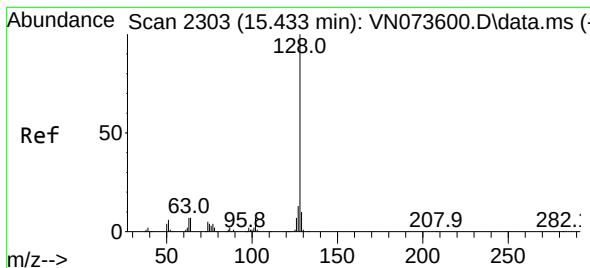
Delta R.T. 0.000 min

Lab File: VN073600.D

Acq: 27 Jul 2022 11:55

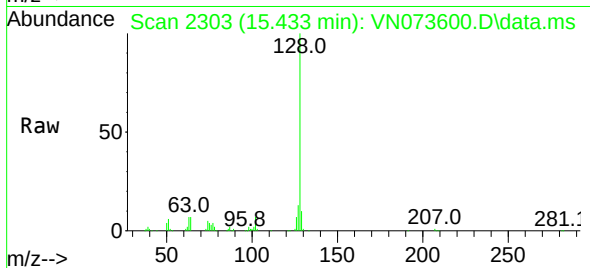
Tgt Ion:225	Resp:	42525
Ion Ratio	Lower	Upper
225	100	
223	65.0	0.0 126.8
227	64.5	0.0 123.0





#91
Naphthalene
Concen: 17.211 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55

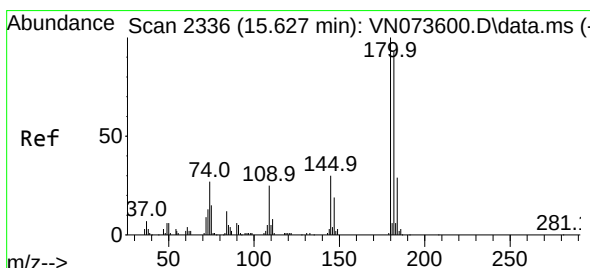
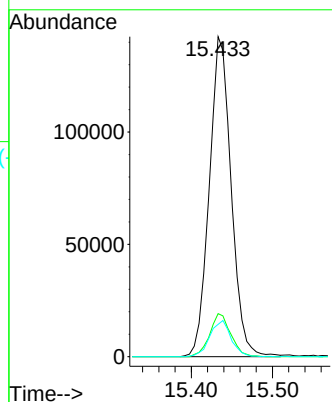
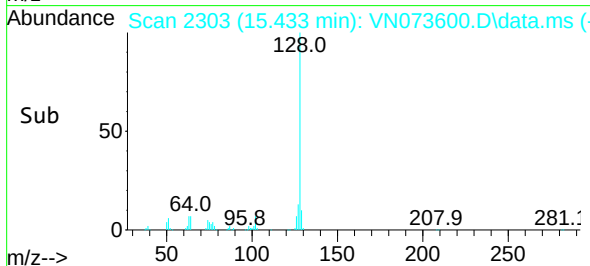
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



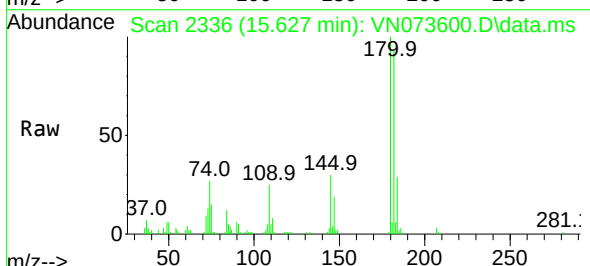
Tgt Ion:128 Resp: 266874
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.061 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073600.D
Acq: 27 Jul 2022 11:55



Tgt Ion:180 Resp: 84355
Ion Ratio Lower Upper
180 100
182 95.2 0.0 190.0
145 31.3 0.0 67.8

