

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072203.D
 Acq On : 26 Apr 2022 16:49
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 26 17:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 17:03:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	292719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	494701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	479328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	194669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	452179	128.003	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 256.000%#			
35) Dibromofluoromethane	8.016	113	327466	111.426	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 222.860%#			
50) Toluene-d8	10.439	98	1333603	111.271	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 222.540%#			
62) 4-Bromofluorobenzene	12.727	95	491381	126.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 252.360%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	331993	136.069	ug/l	96
3) Chloromethane	2.299	50	369581	120.569	ug/l	99
4) Vinyl Chloride	2.440	62	314772	99.199	ug/l	98
5) Bromomethane	2.816	94	155146	78.182	ug/l	98
6) Chloroethane	2.993	64	179960	79.047	ug/l	98
7) Trichlorofluoromethane	3.363	101	551675	129.095	ug/l	99
8) Diethyl Ether	3.822	74	222105	124.711	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.204	101	299500	116.429	ug/l	96
10) Methyl Iodide	4.416	142	396583	112.884	ug/l	# 89
11) Tert butyl alcohol	5.369	59	404513	712.773	ug/l	100
12) 1,1-Dichloroethene	4.181	96	284570	116.389	ug/l	93
13) Acrolein	4.034	56	386901	588.700	ug/l	98
14) Allyl chloride	4.834	41	607596	145.850	ug/l	93
15) Acrylonitrile	5.546	53	1170494	705.503	ug/l	99
16) Acetone	4.281	43	969902	648.018	ug/l	98
17) Carbon Disulfide	4.528	76	670911	118.152	ug/l	99
18) Methyl Acetate	4.846	43	548453	120.239	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	1170282	127.260	ug/l	99
20) Methylene Chloride	5.093	84	349951	114.231	ug/l	# 88
21) trans-1,2-Dichloroethene	5.593	96	300347	111.990	ug/l	91
22) Diisopropyl ether	6.487	45	1202867	134.732	ug/l	97
23) Vinyl Acetate	6.428	43	5362540	749.562	ug/l	94
24) 1,1-Dichloroethane	6.381	63	655217	126.416	ug/l	99
25) 2-Butanone	7.328	43	1580343	721.311	ug/l	93
26) 2,2-Dichloropropane	7.322	77	529003	120.812	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	370432	113.137	ug/l	89
28) Bromochloromethane	7.651	49	293932	133.555	ug/l	# 79
29) Tetrahydrofuran	7.675	42	1036655	730.065	ug/l	89
30) Chloroform	7.816	83	653743	121.163	ug/l	98
31) Cyclohexane	8.092	56	561827	118.848	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	584532	125.850	ug/l	99
36) 1,1-Dichloropropene	8.216	75	475366	115.617	ug/l	96
37) Ethyl Acetate	7.410	43	618341	133.874	ug/l	97
38) Carbon Tetrachloride	8.198	117	496381	122.573	ug/l	100
39) Methylcyclohexane	9.457	83	558328	115.463	ug/l	93
40) Benzene	8.457	78	1427178	110.425	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	346206	149.583	ug/l #	82
42) 1,2-Dichloroethane	8.522	62	541376	118.918	ug/l	98
43) Isopropyl Acetate	8.557	43	986938	128.535	ug/l	95
44) Trichloroethene	9.216	130	335623	103.212	ug/l	90
45) 1,2-Dichloropropane	9.486	63	384793	117.630	ug/l	97
46) Dibromomethane	9.575	93	243648	111.179	ug/l	92
47) Bromodichloromethane	9.757	83	535430	122.972	ug/l	98
48) Methyl methacrylate	9.557	41	480037	148.453	ug/l	91
49) 1,4-Dioxane	9.563	88	159575	2026.690	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	3187428	714.594	ug/l	96
52) Toluene	10.504	92	923851	113.588	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	596032	131.062	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	627760	125.403	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	367066	109.841	ug/l	99
56) Ethyl methacrylate	10.757	69	658149	136.028	ug/l	91
57) 1,3-Dichloropropane	11.039	76	650855	115.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	901630	805.177	ug/l	93
59) 2-Hexanone	11.080	43	2322708	738.808	ug/l	94
60) Dibromochloromethane	11.233	129	401924	122.912	ug/l	100
61) 1,2-Dibromoethane	11.339	107	379605	115.604	ug/l	100
64) Tetrachloroethene	10.975	164	273986	88.582	ug/l	96
65) Chlorobenzene	11.763	112	963194	101.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	365593	105.728	ug/l	98
67) Ethyl Benzene	11.839	91	1838800	113.262	ug/l	99
68) m/p-Xylenes	11.951	106	1354091	218.771	ug/l	91
69) o-Xylene	12.275	106	673778	109.638	ug/l	92
70) Styrene	12.286	104	1118071	120.104	ug/l	96
71) Bromoform	12.451	173	299507	115.372	ug/l	99
73) Isopropylbenzene	12.575	105	1780971	108.199	ug/l	97
74) N-amyl acetate	12.380	43	702777	143.404	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	566158	102.209	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	533566m	114.971	ug/l	
77) Bromobenzene	12.857	156	390680	96.335	ug/l	84
78) n-propylbenzene	12.916	91	2070965	119.004	ug/l	96
79) 2-Chlorotoluene	13.004	91	1255202	112.109	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1484748	113.029	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	186498	126.238	ug/l	96
82) 4-Chlorotoluene	13.098	91	1210770	116.630	ug/l	94
83) tert-Butylbenzene	13.316	119	1301048	109.303	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	1468666	114.398	ug/l	95
85) sec-Butylbenzene	13.498	105	1801318	116.564	ug/l	97
86) p-Isopropyltoluene	13.610	119	1470376	119.564	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	670495	103.379	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	653240	103.252	ug/l	97
89) n-Butylbenzene	13.939	91	1204460	130.993	ug/l	98
90) Hexachloroethane	14.204	117	272248	120.029	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	639921	100.274	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	121459	137.299	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	313082	126.324	ug/l	97
94) Hexachlorobutadiene	15.363	225	156778	84.902	ug/l	99
95) Naphthalene	15.498	128	1089285	174.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	314675	136.339	ug/l	98

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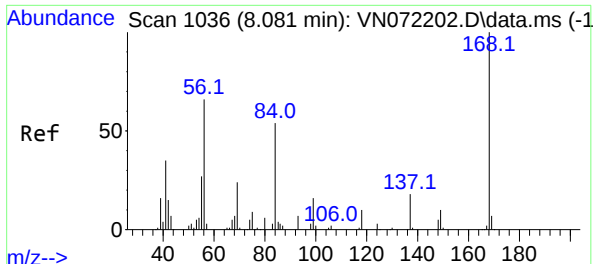
Manual Integrations
APPROVED

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



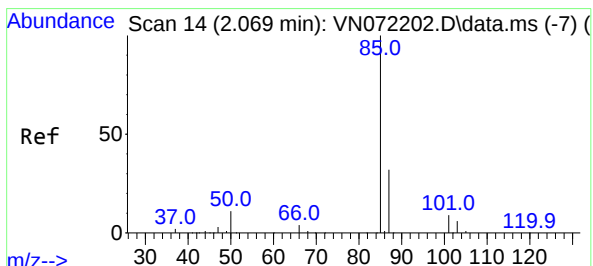
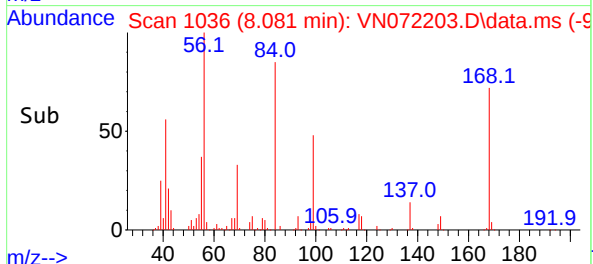
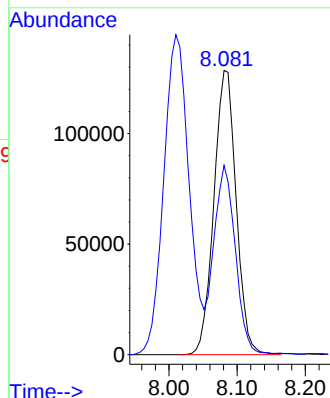
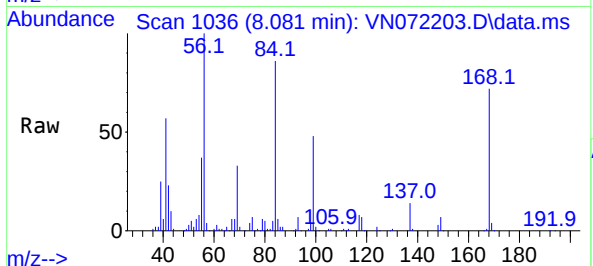
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072203.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 292719
Ion Ratio Lower Upper
168 100
99 66.0 42.3 63.5

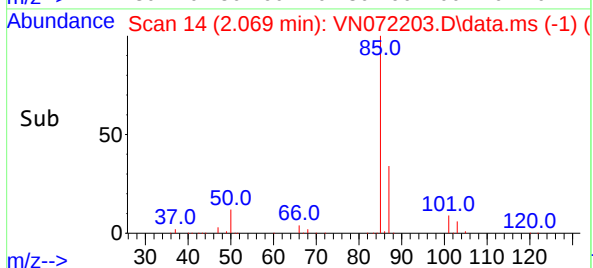
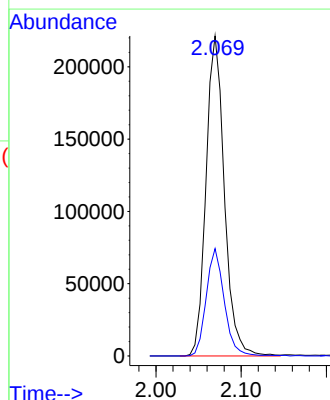
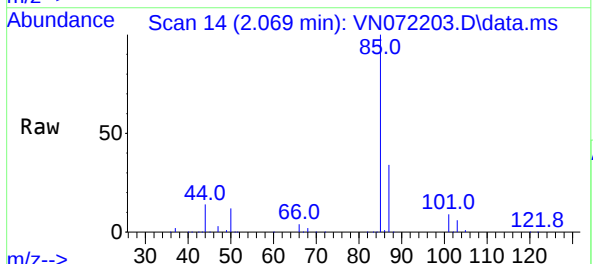
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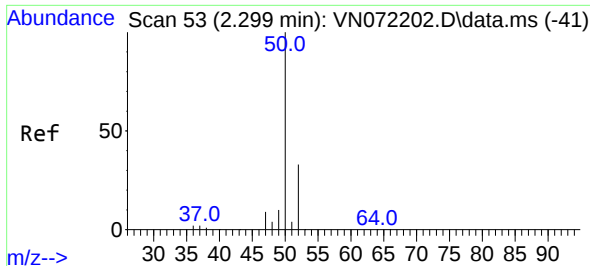
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#2
Dichlorodifluoromethane
Concen: 136.069 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

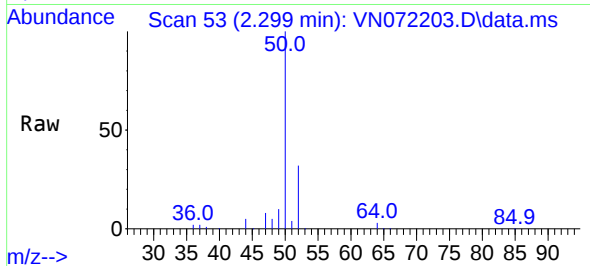
Tgt Ion: 85 Resp: 331993
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1





#3
Chloromethane
Concen: 120.569 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

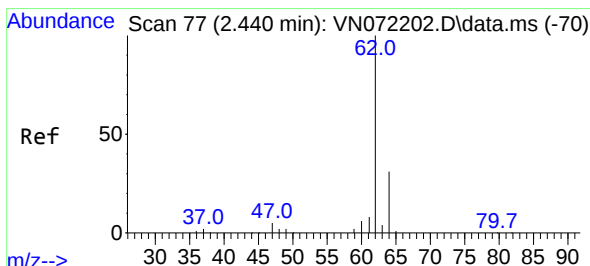
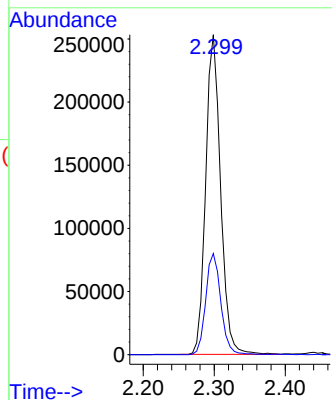
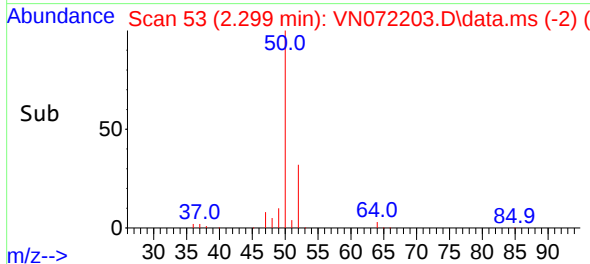
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



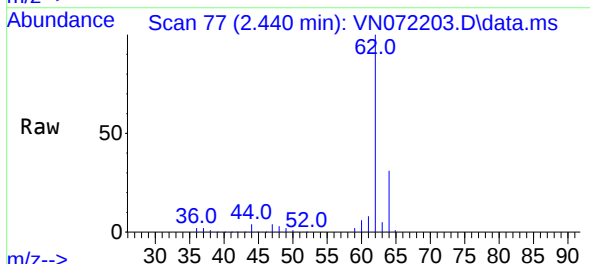
Tgt Ion: 50 Resp: 36958
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

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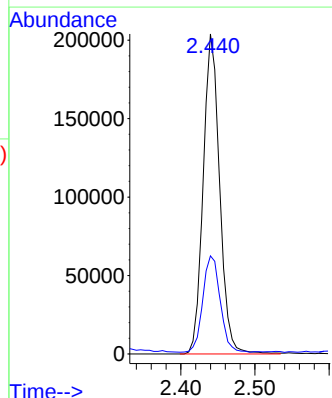
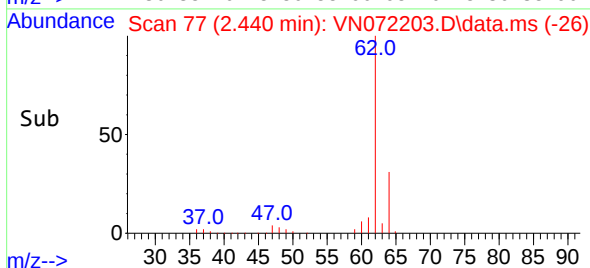
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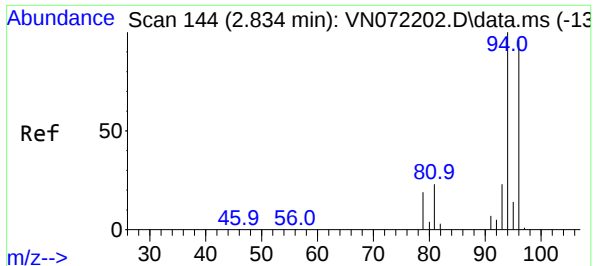


#4
Vinyl Chloride
Concen: 99.199 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion: 62 Resp: 314772
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4





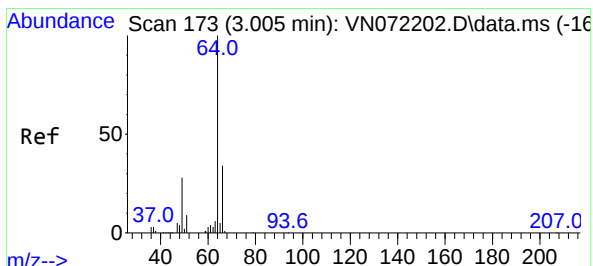
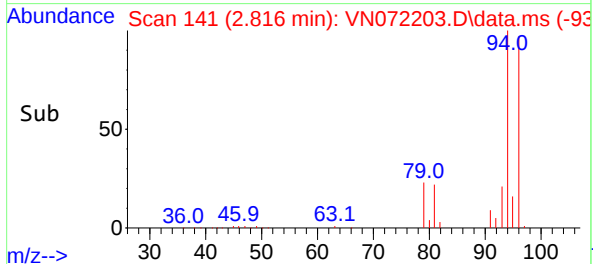
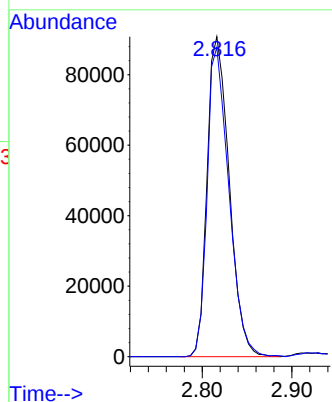
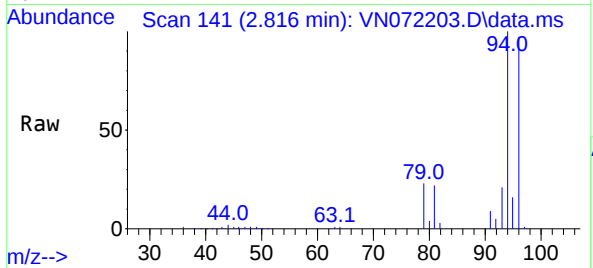
#5
Bromomethane
Concen: 78.182 ug/l
RT: 2.816 min Scan# 141
Delta R.T. -0.018 min
Lab File: VN072203.D
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Tgt Ion: 94 Resp: 155140
Ion Ratio Lower Upper
94 100
96 96.7 76.0 114.0

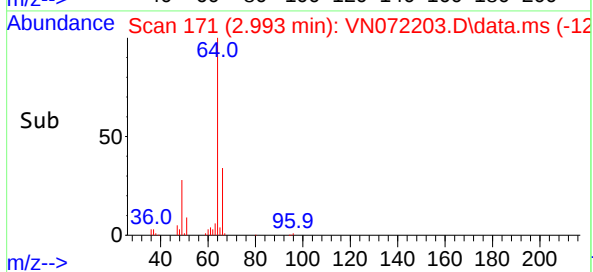
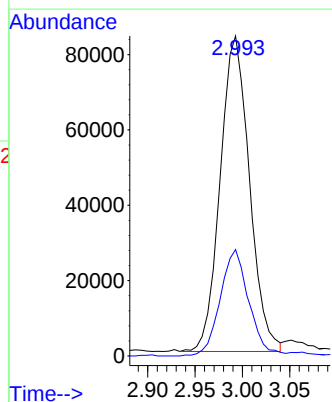
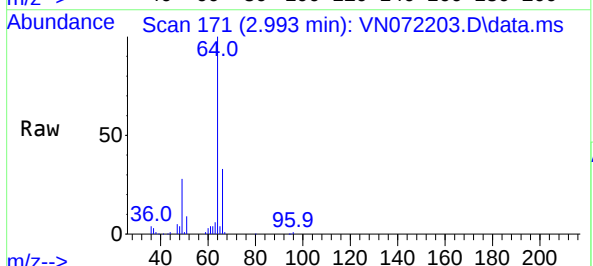
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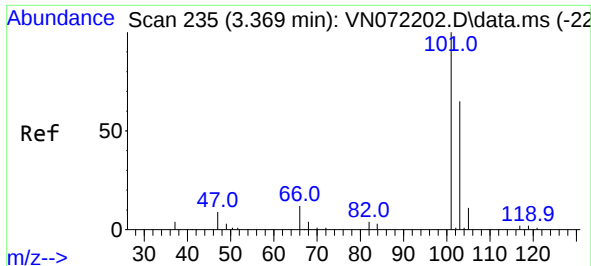
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#6
Chloroethane
Concen: 79.047 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 179960
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4





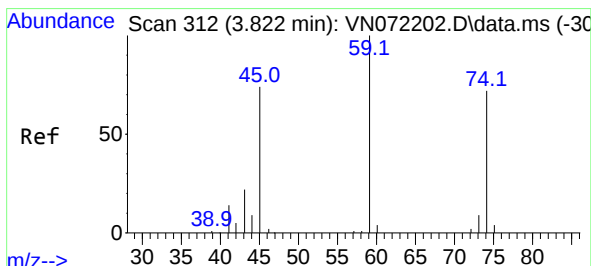
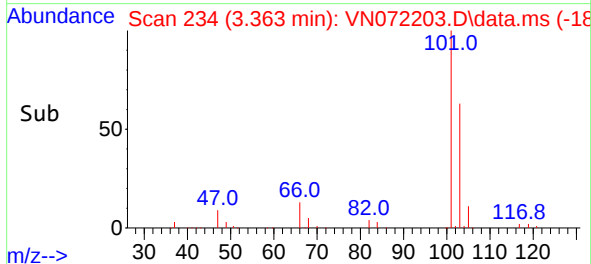
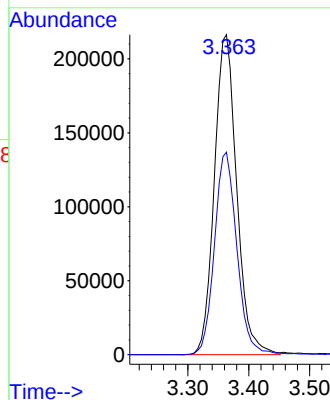
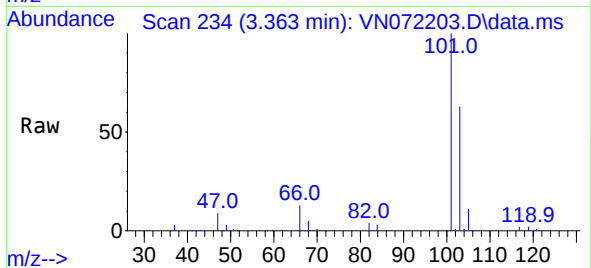
#7
Trichlorofluoromethane
Concen: 129.095 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 55167
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

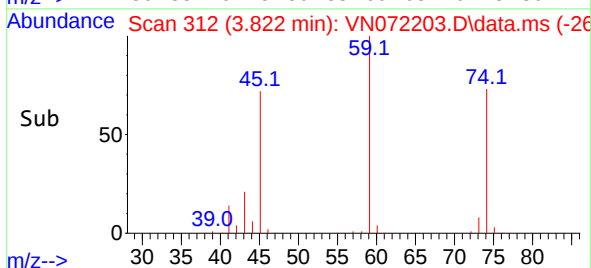
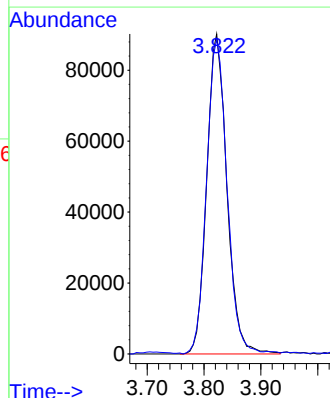
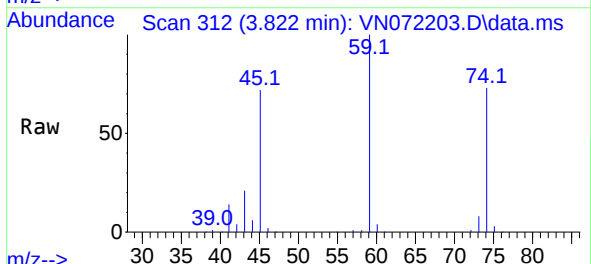
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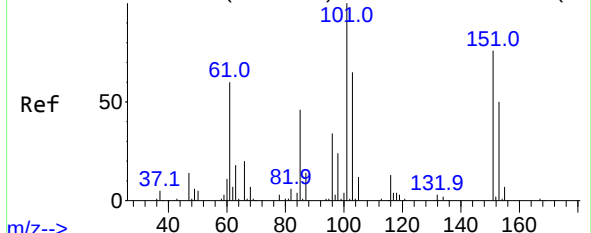


#8
Diethyl Ether
Concen: 124.711 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN072203.D
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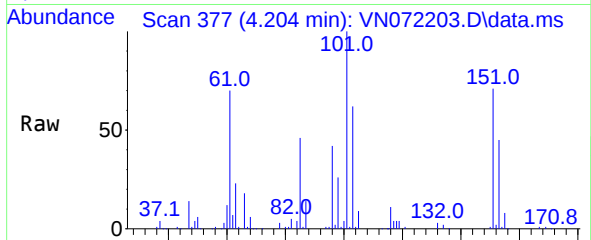
Tgt Ion: 74 Resp: 222105
Ion Ratio Lower Upper
74 100
45 99.8 42.9 128.5



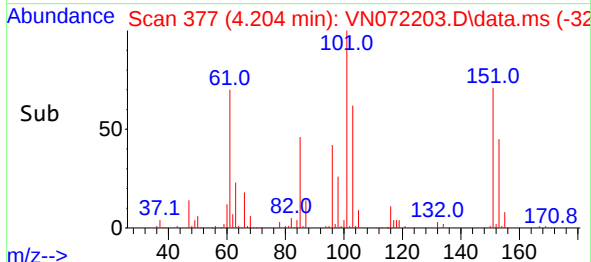
Abundance Scan 378 (4.210 min): VN072202.D\data.ms (-36



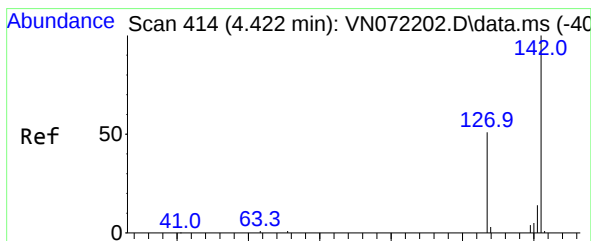
m/z-->



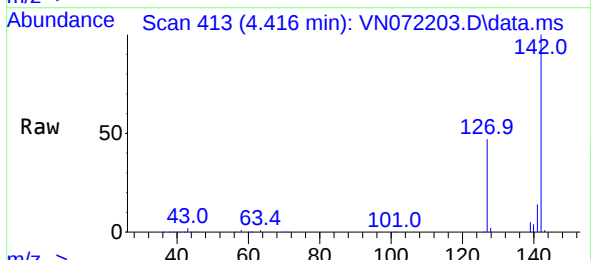
m/z-->



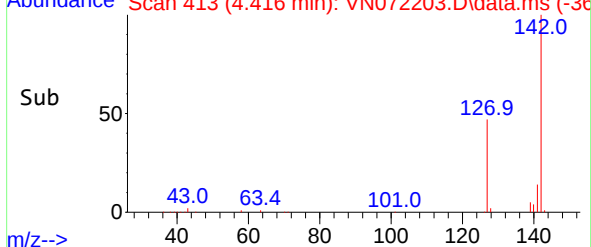
m/z-->



m/z-->



m/z-->



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 116.429 ug/l

RT: 4.204 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:101 Resp: 299500

Ion Ratio Lower Upper

101 100

85 45.9 34.7 52.1

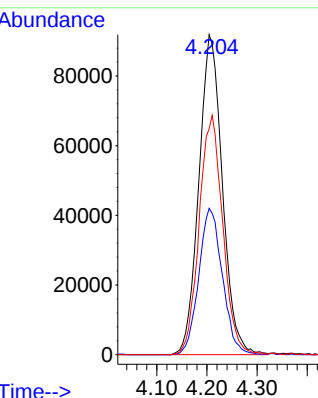
151 75.0 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#10

Methyl Iodide

Concen: 112.884 ug/l

RT: 4.416 min Scan# 413

Delta R.T. -0.006 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

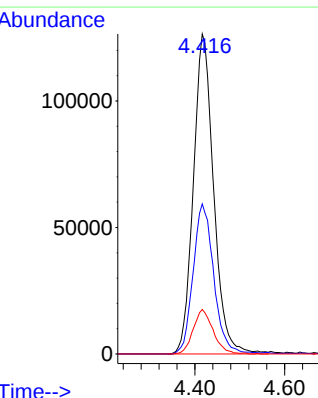
Tgt Ion:142 Resp: 396583

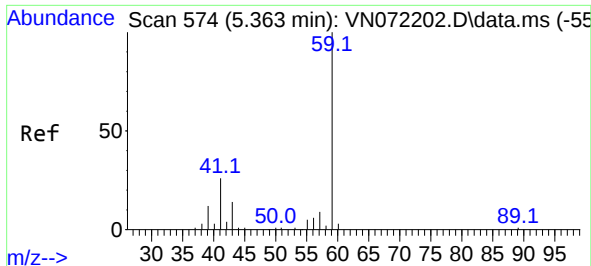
Ion Ratio Lower Upper

142 100

127 47.8 31.3 46.9#

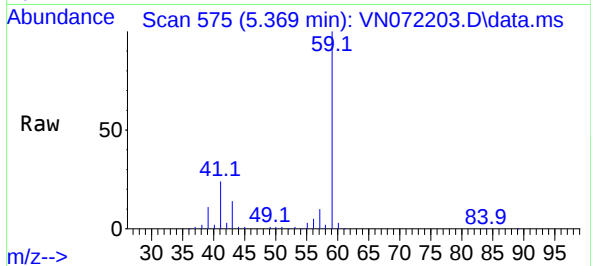
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 712.773 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

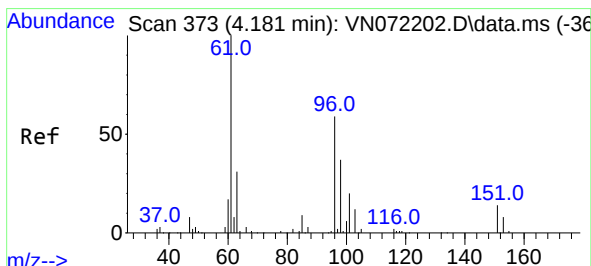
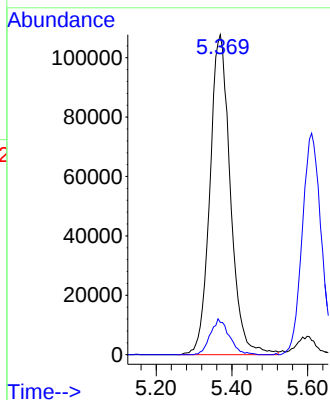
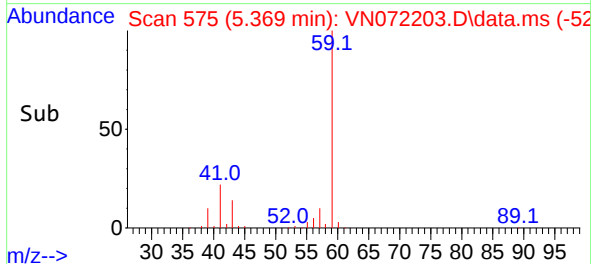
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



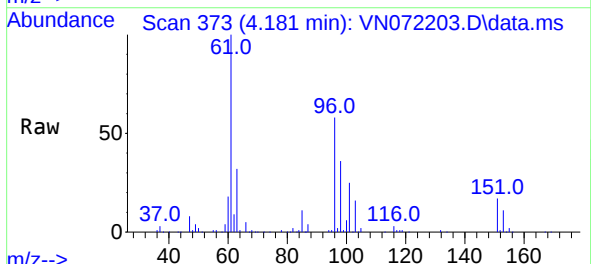
Tgt Ion: 59 Resp: 40451
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

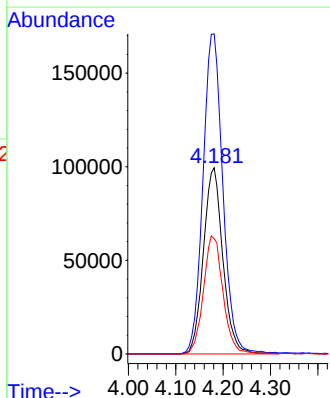
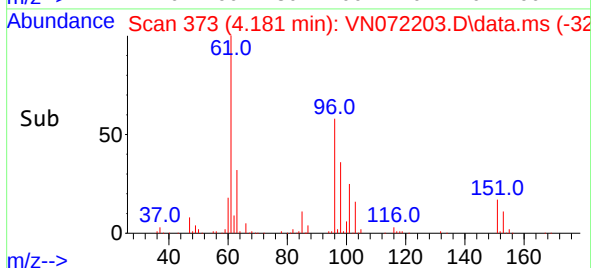
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

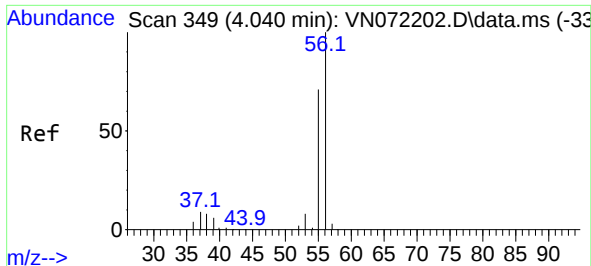


#12
1,1-Dichloroethene
Concen: 116.389 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion: 96 Resp: 284570
Ion Ratio Lower Upper
96 100
61 171.8 127.6 191.4
98 61.9 51.2 76.8





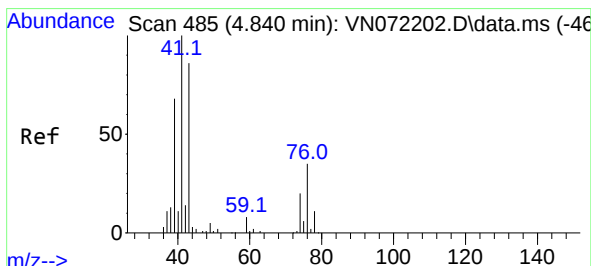
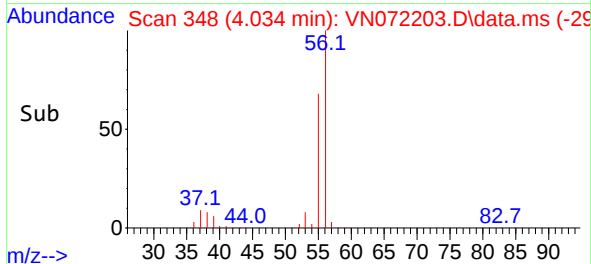
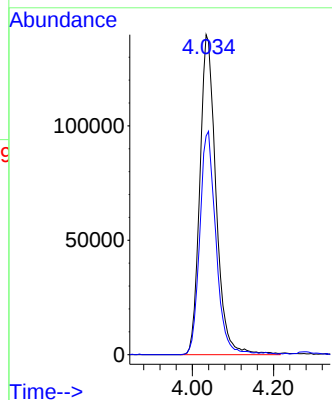
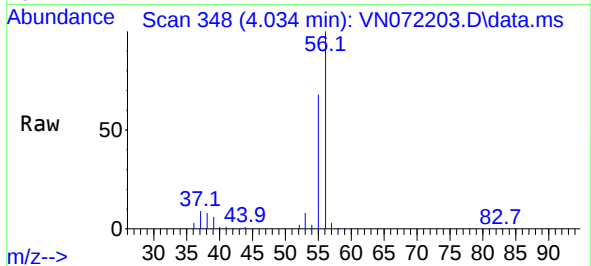
#13
Acrolein
Concen: 588.700 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 38690
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

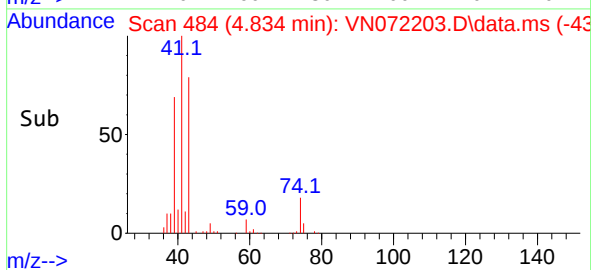
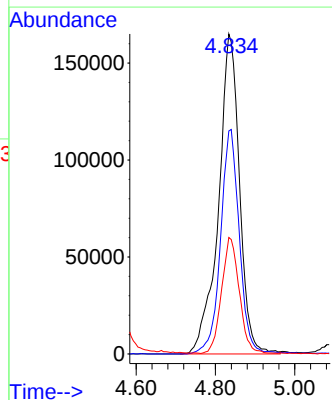
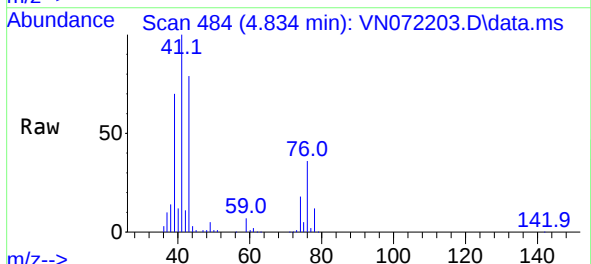
Manual Integrations
APPROVED

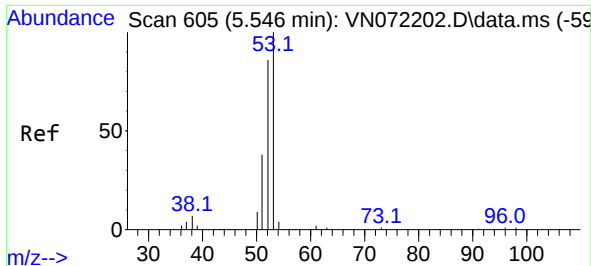
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#14
Allyl chloride
Concen: 145.850 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

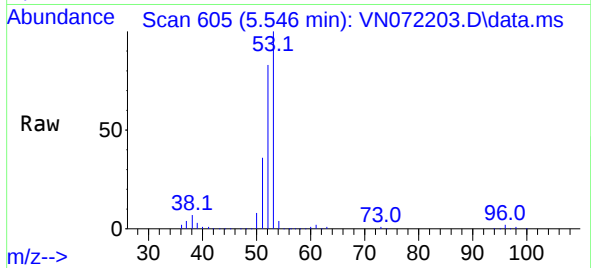
Tgt Ion: 41 Resp: 607596
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 30.5 29.9 44.9





#15
Acrylonitrile
Concen: 705.503 ug/l
RT: 5.546 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

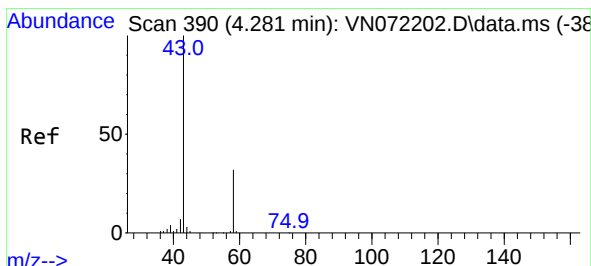
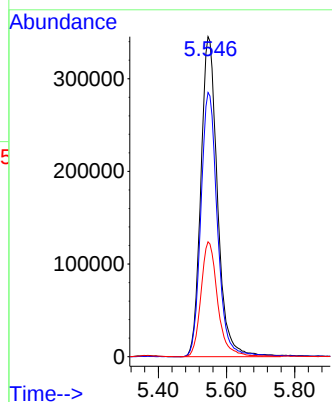
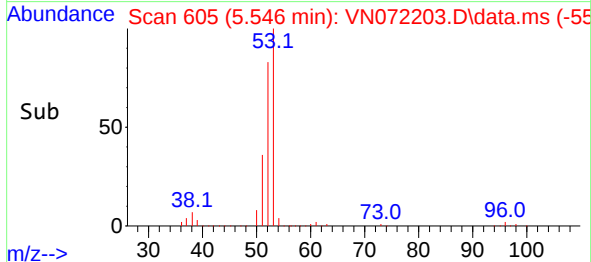
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



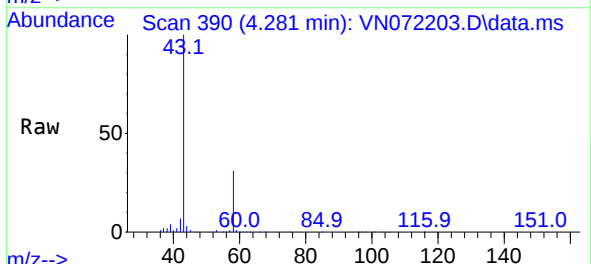
Tgt Ion: 53 Resp: 1170494
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 36.1 28.5 42.7

Manual Integrations
APPROVED

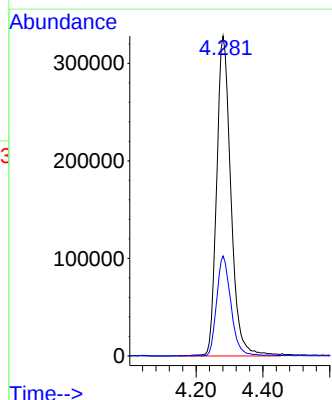
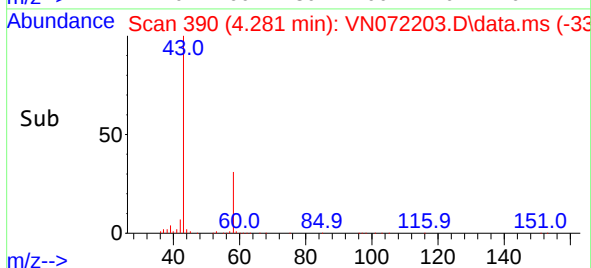
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

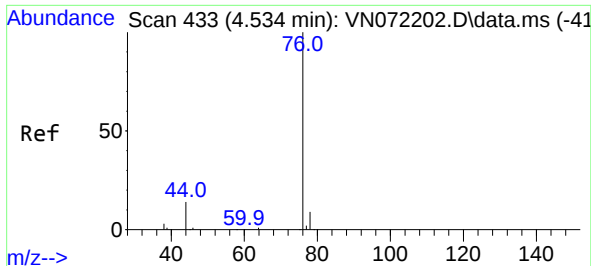


#16
Acetone
Concen: 648.018 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion: 43 Resp: 969902
Ion Ratio Lower Upper
43 100
58 31.1 26.0 39.0





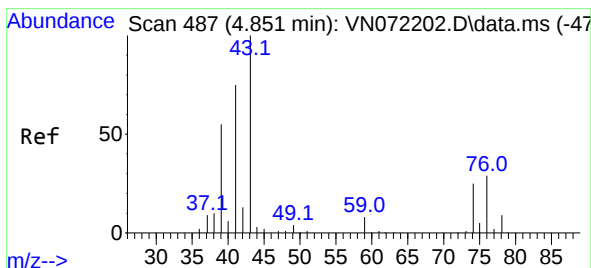
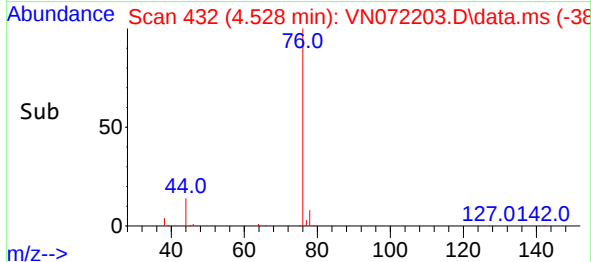
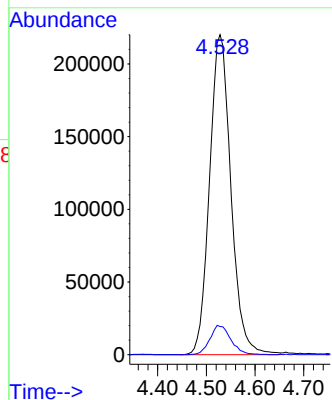
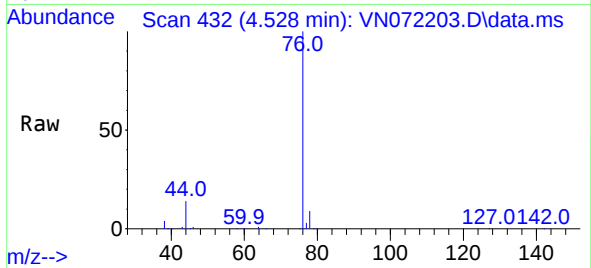
#17
Carbon Disulfide
Concen: 118.152 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 67091
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

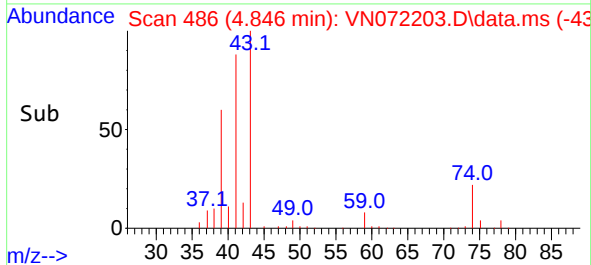
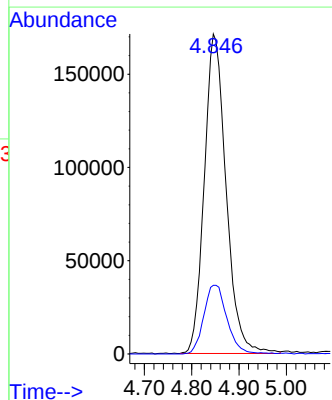
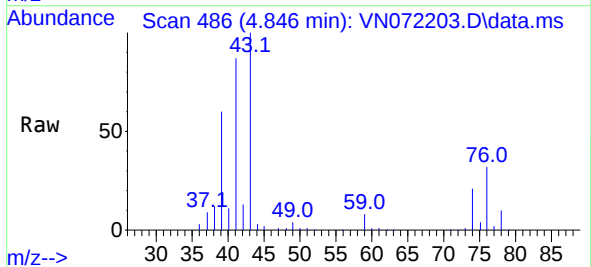
Manual Integrations
APPROVED

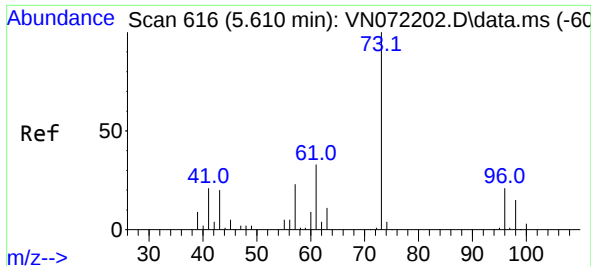
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#18
Methyl Acetate
Concen: 120.239 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

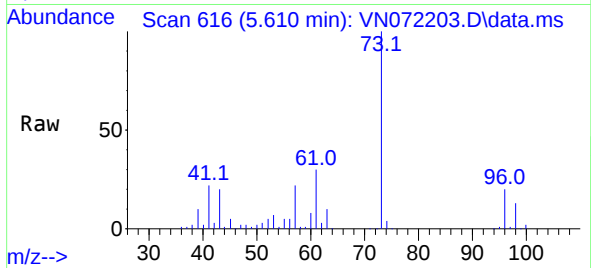
Tgt Ion: 43 Resp: 548453
Ion Ratio Lower Upper
43 100
74 22.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 127.260 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

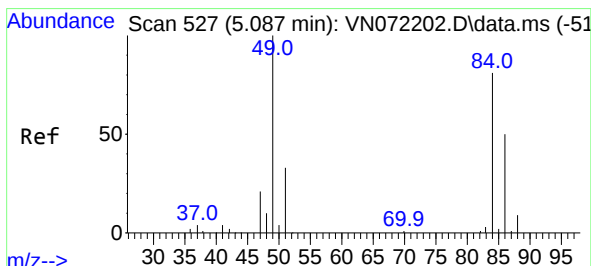
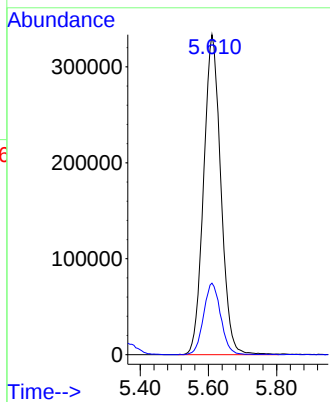
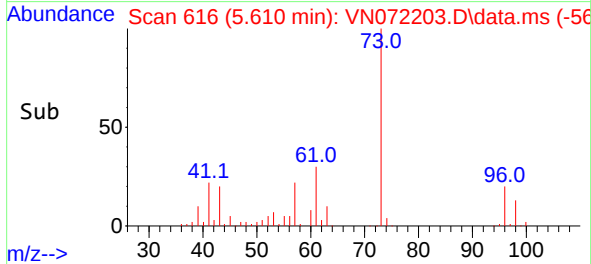
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



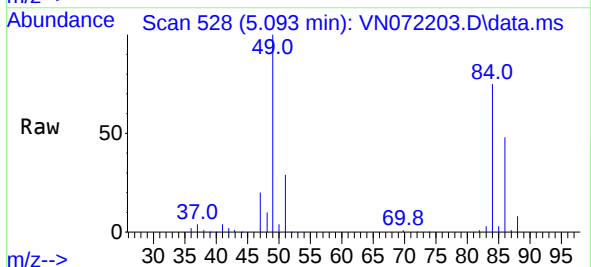
Tgt Ion: 73 Resp: 117028
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

Manual Integrations
APPROVED

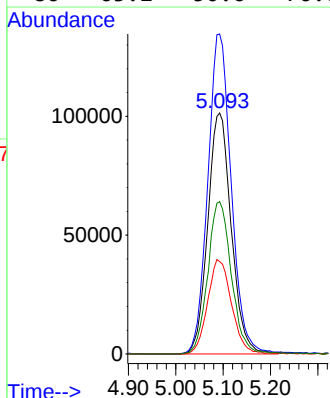
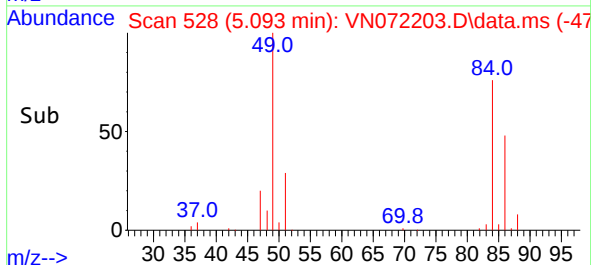
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

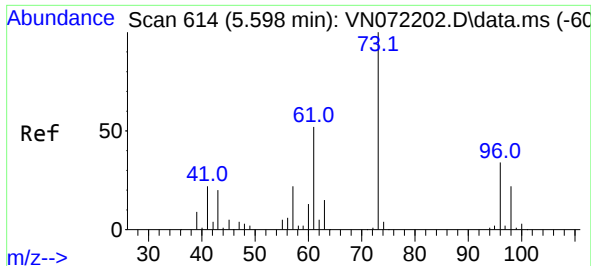


#20
Methylene Chloride
Concen: 114.231 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



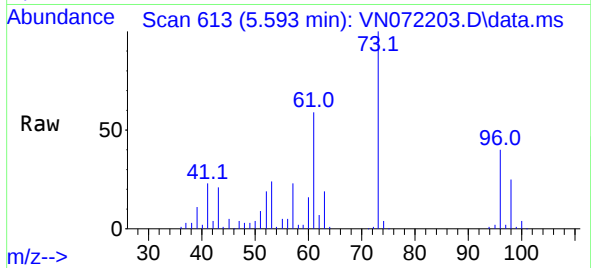
Tgt Ion: 84 Resp: 349951
Ion Ratio Lower Upper
84 100
49 132.8 88.3 132.5#
51 38.4 28.2 42.2
86 63.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 111.990 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

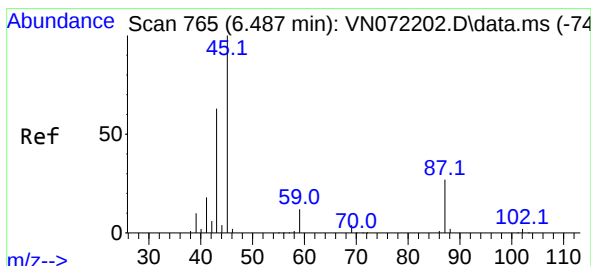
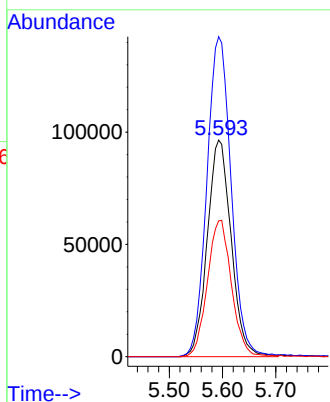
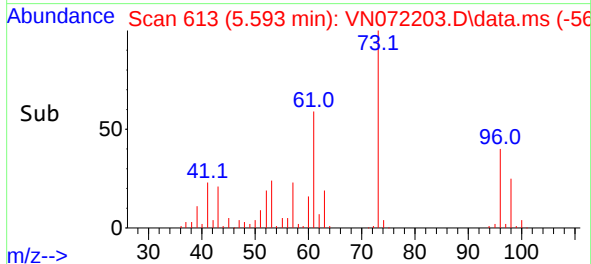
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



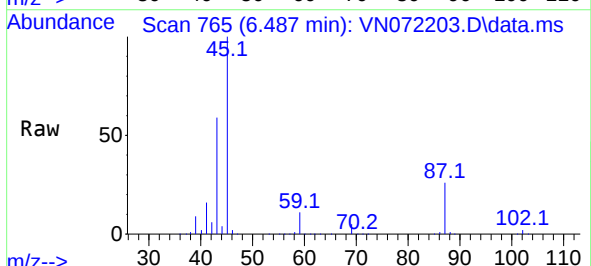
Tgt Ion: 96 Resp: 30034
Ion Ratio Lower Upper
96 100
61 147.7 105.8 158.8
98 62.7 50.3 75.5

Manual Integrations
APPROVED

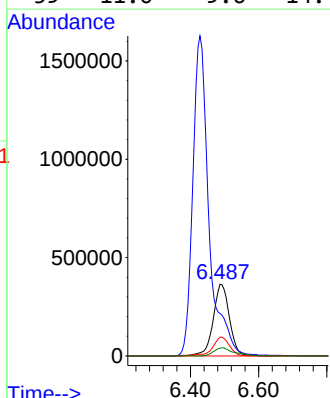
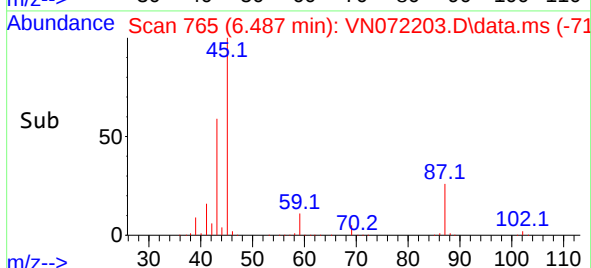
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

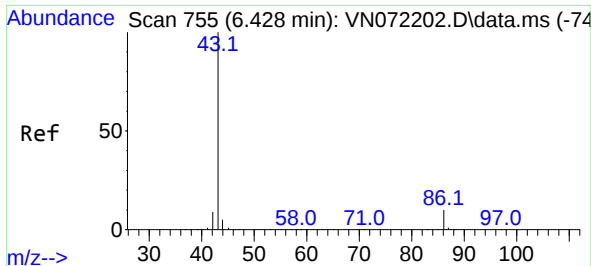


#22
Diisopropyl ether
Concen: 134.732 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



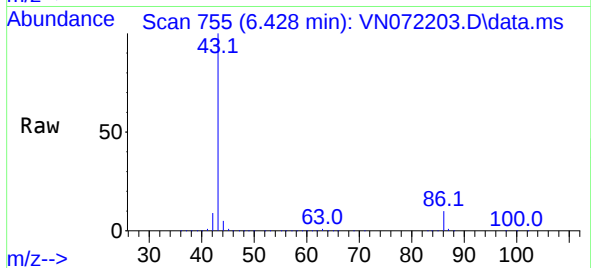
Tgt Ion: 45 Resp: 1202867
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 26.1 24.3 36.5
59 11.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 749.562 ug/l
 RT: 6.428 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49

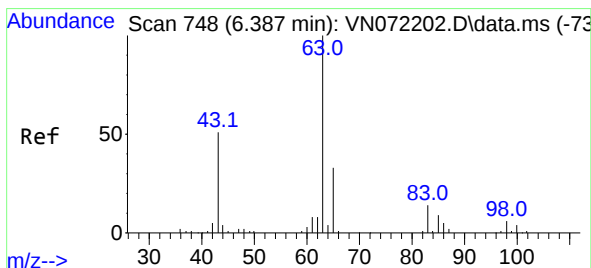
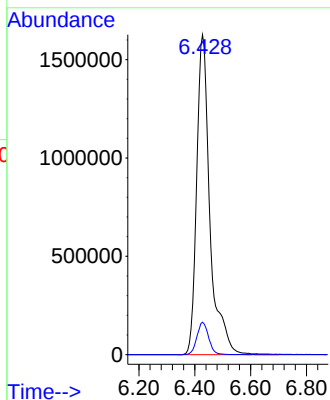
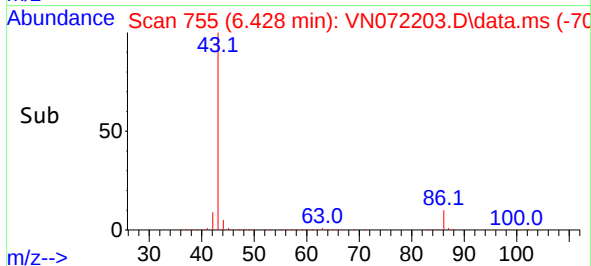
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



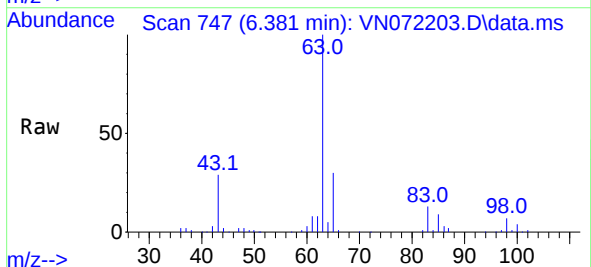
Tgt Ion: 43 Resp: 5362540
 Ion Ratio Lower Upper
 43 100
 86 10.2 10.0 15.0

Manual Integrations
 APPROVED

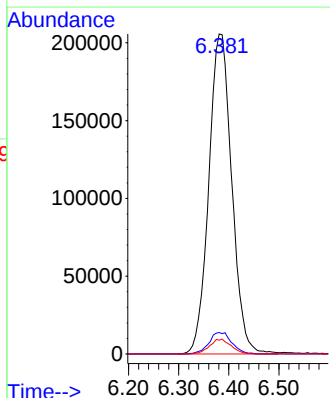
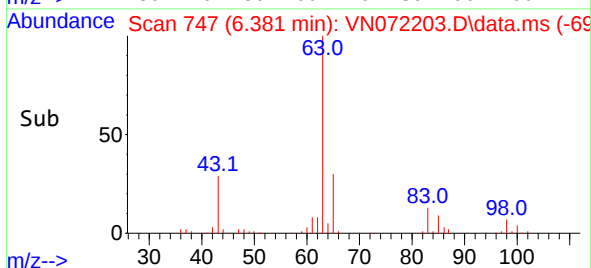
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

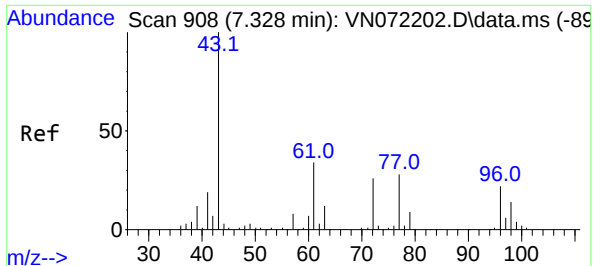


#24
 1,1-Dichloroethane
 Concen: 126.416 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49



Tgt Ion: 63 Resp: 655217
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 721.311 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 158034

Ion Ratio Lower Upper

43 100

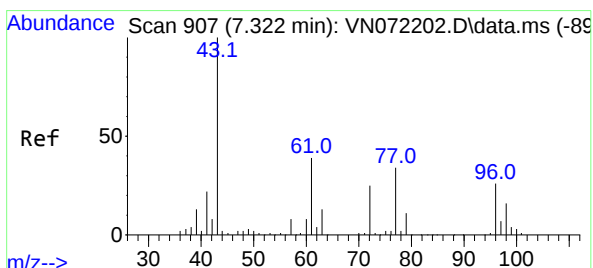
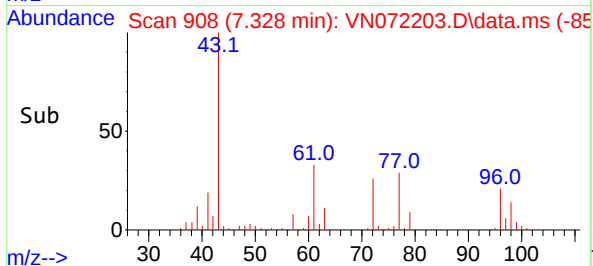
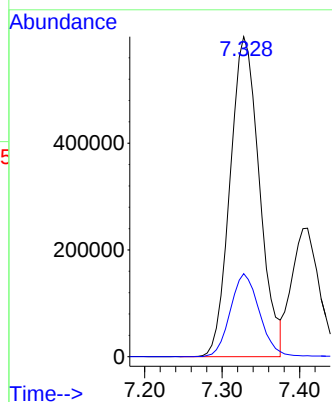
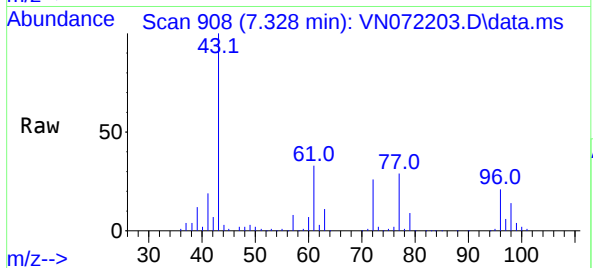
72 25.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#26

2,2-Dichloropropane

Concen: 120.812 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072203.D

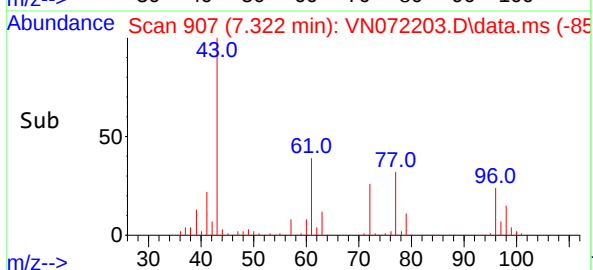
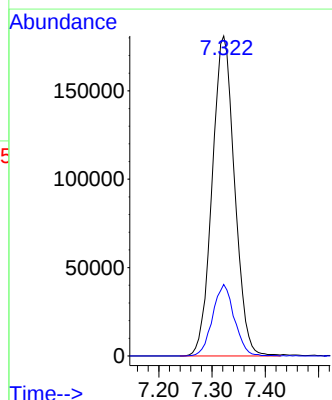
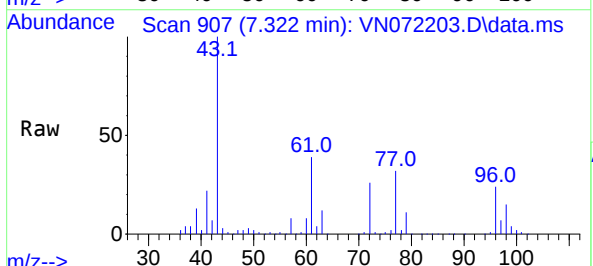
Acq: 26 Apr 2022 16:49

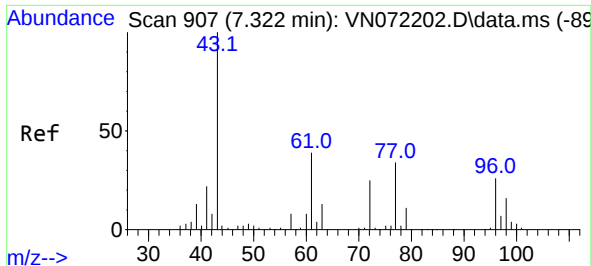
Tgt Ion: 77 Resp: 529003

Ion Ratio Lower Upper

77 100

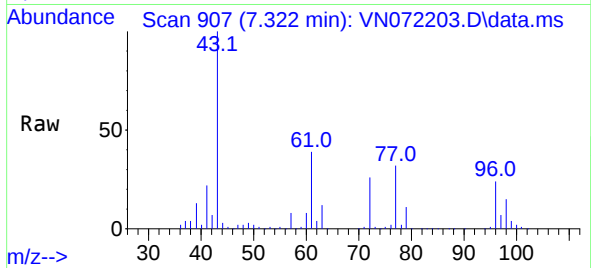
97 21.7 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 113.137 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49

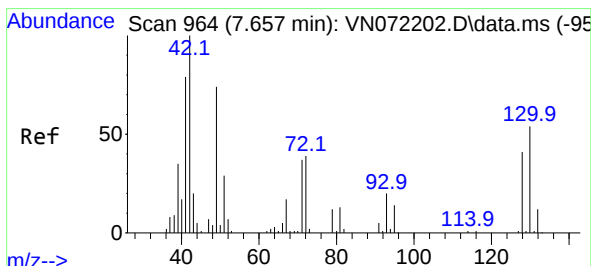
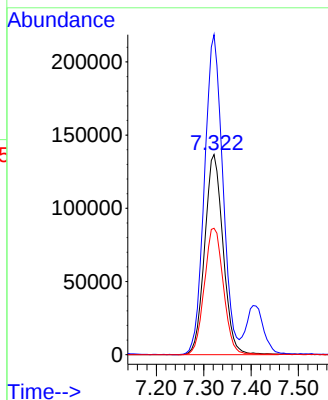
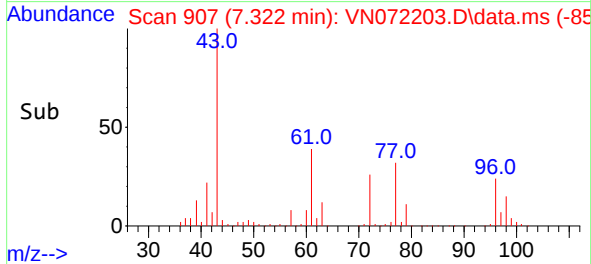
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 96 Resp: 370432
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 280.6
 98 65.4 0.0 128.4

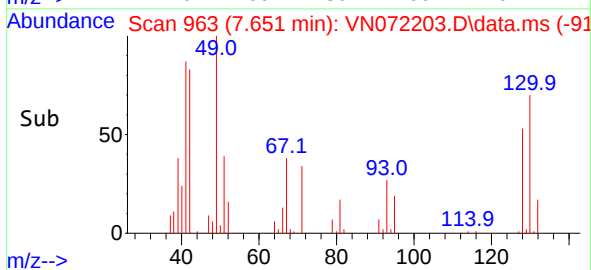
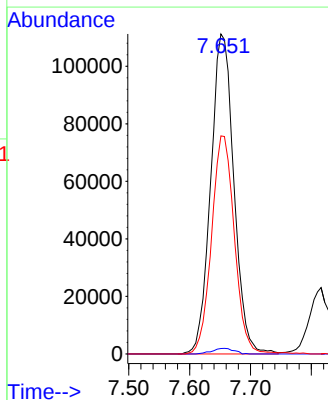
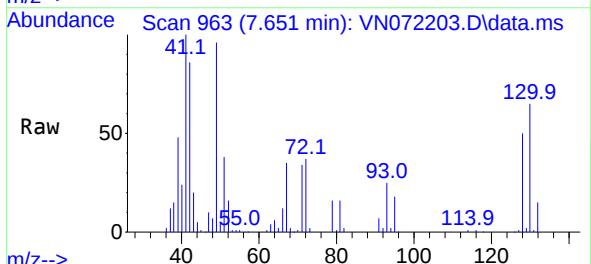
Manual Integrations
 APPROVED

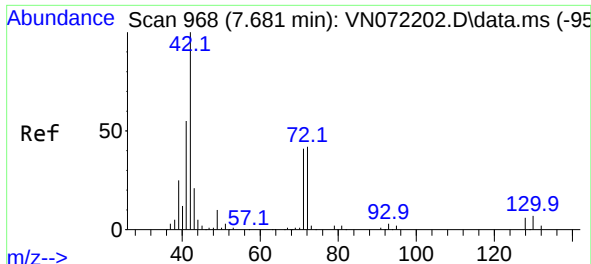
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022



#28
 Bromochloromethane
 Concen: 133.555 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49

Tgt Ion: 49 Resp: 293932
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 67.3 69.7 104.5#





#29

Tetrahydrofuran

Concen: 730.065 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 103665

Ion Ratio Lower Upper

42 100

72 41.9 39.7 59.5

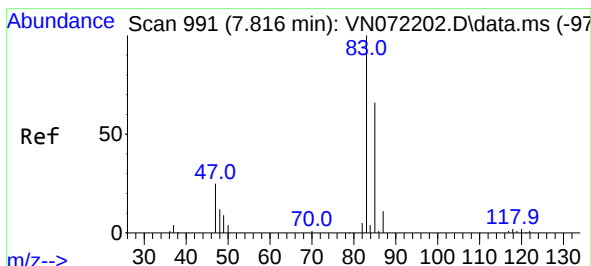
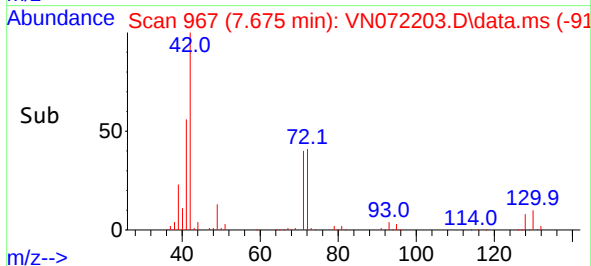
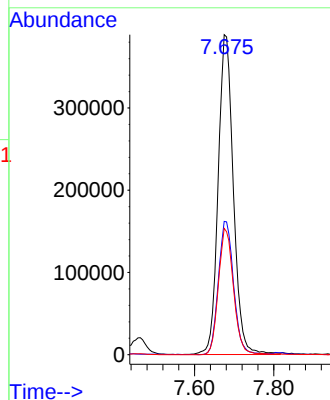
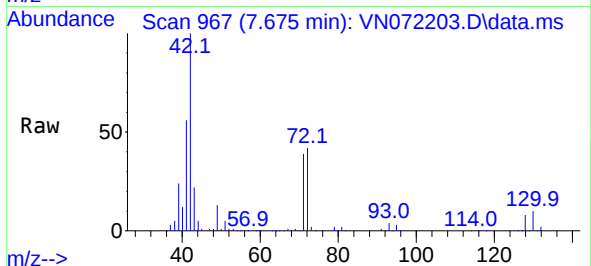
71 39.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#30

Chloroform

Concen: 121.163 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072203.D

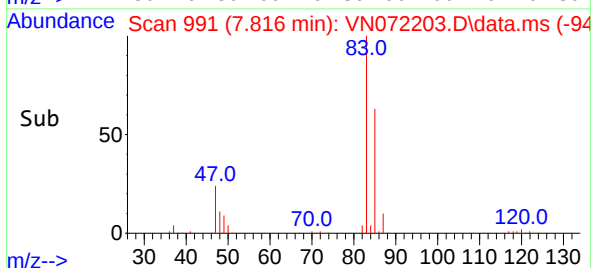
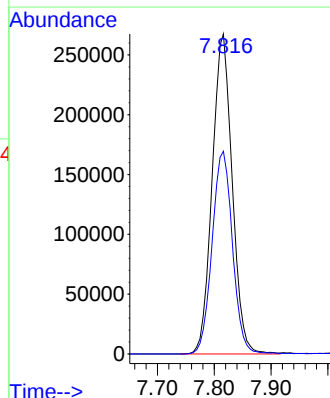
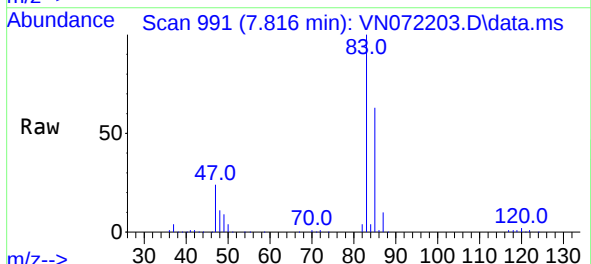
Acq: 26 Apr 2022 16:49

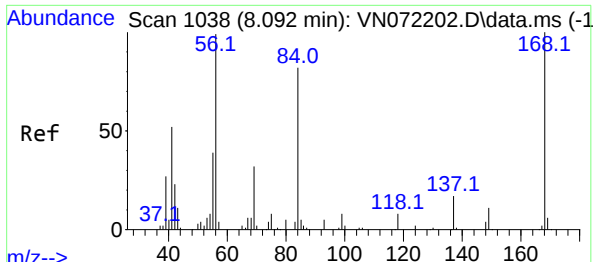
Tgt Ion: 83 Resp: 653743

Ion Ratio Lower Upper

83 100

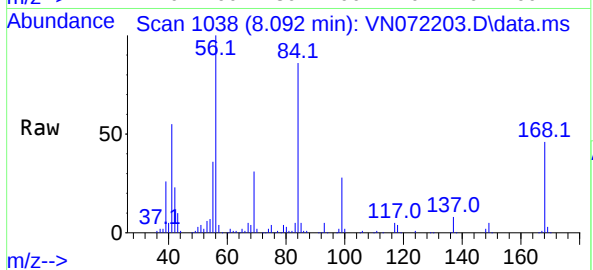
85 63.3 51.8 77.8





#31
Cyclohexane
Concen: 118.848 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

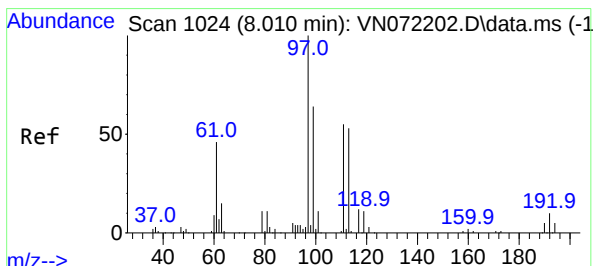
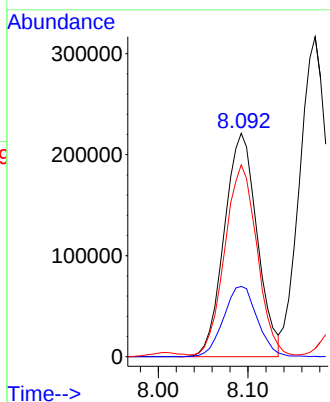
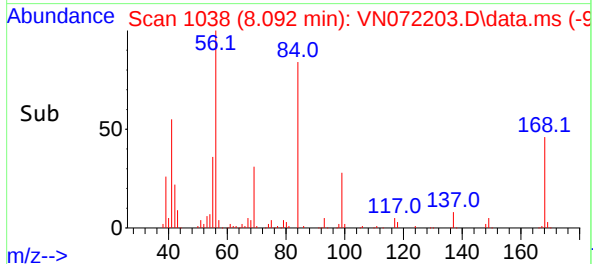
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



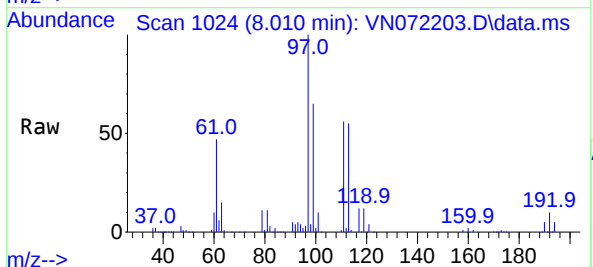
Tgt Ion: 56 Resp: 56182
Ion Ratio Lower Upper
56 100
69 31.5 27.8 41.8
84 84.7 76.9 115.3

Manual Integrations
APPROVED

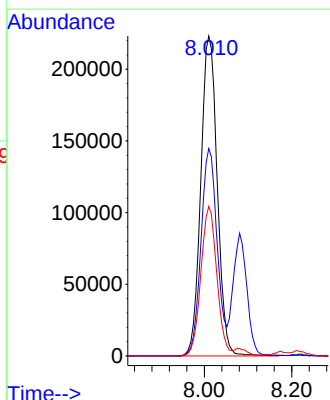
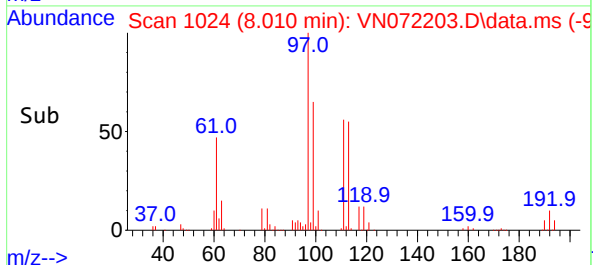
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

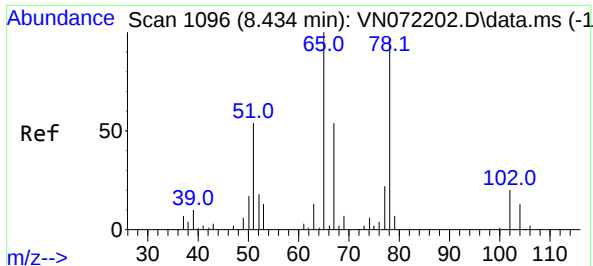


#32
1,1,1-Trichloroethane
Concen: 125.850 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



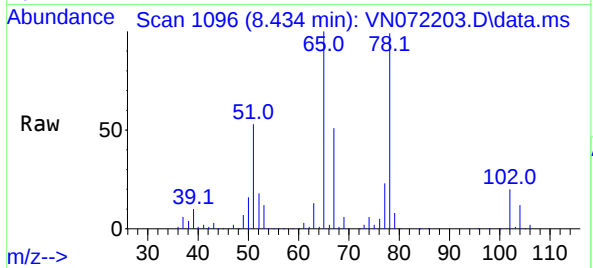
Tgt Ion: 97 Resp: 584532
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 45.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 128.003 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

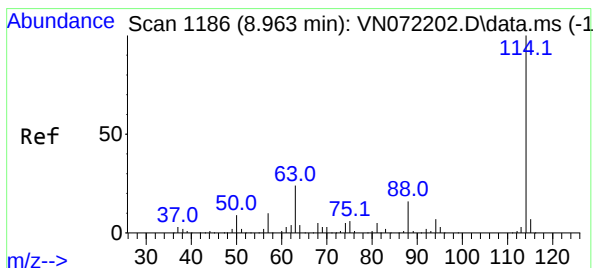
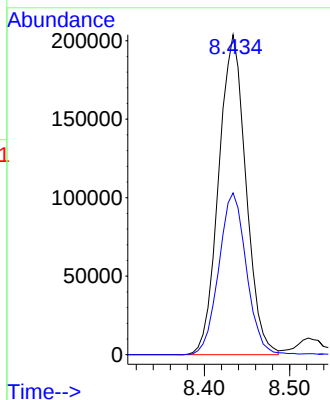
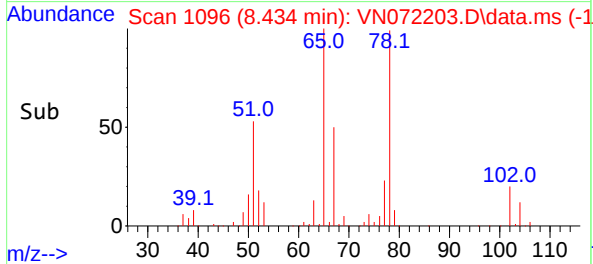
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



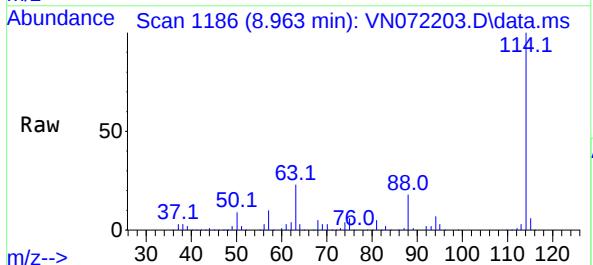
Tgt Ion: 65 Resp: 452179
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

Manual Integrations
APPROVED

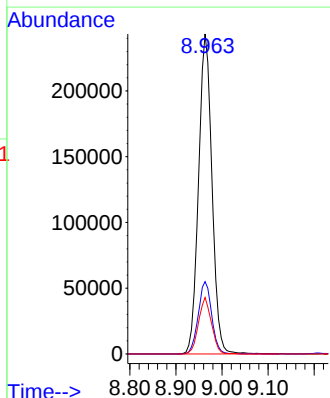
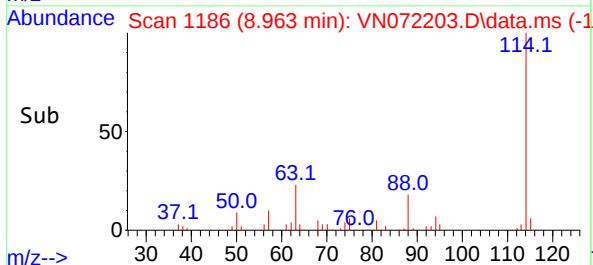
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

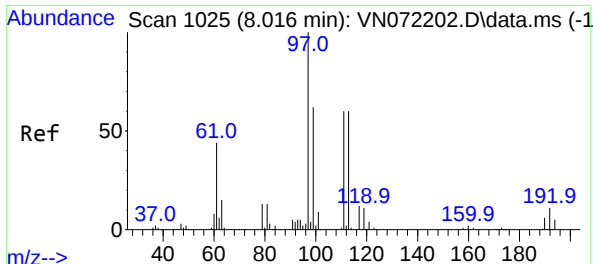


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:114 Resp: 494701
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 17.6 0.0 32.6





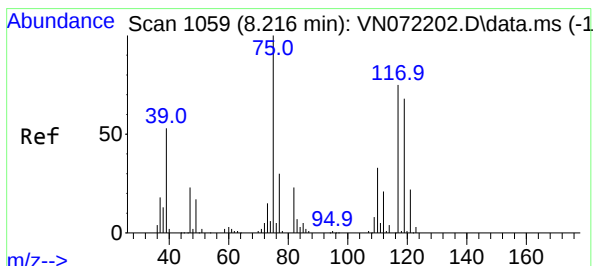
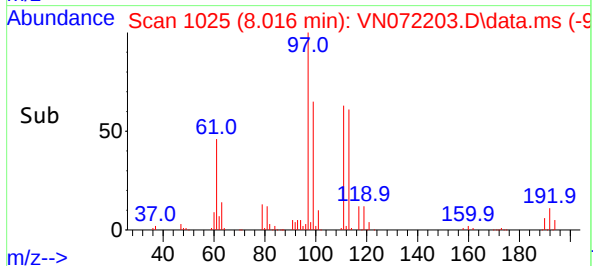
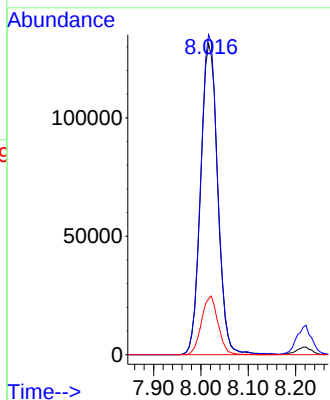
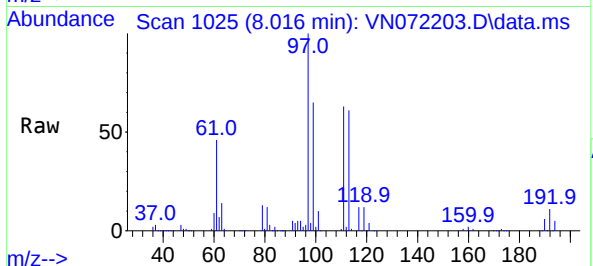
#35
Dibromofluoromethane
Concen: 111.426 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 327460
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.3 17.0 25.6

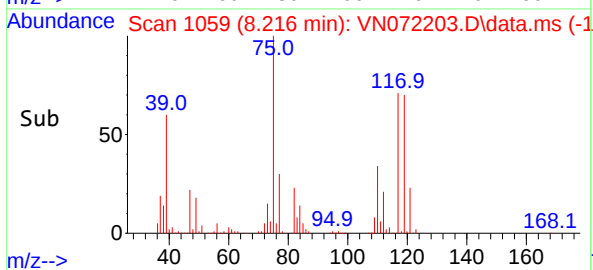
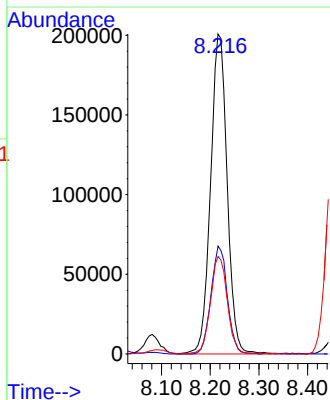
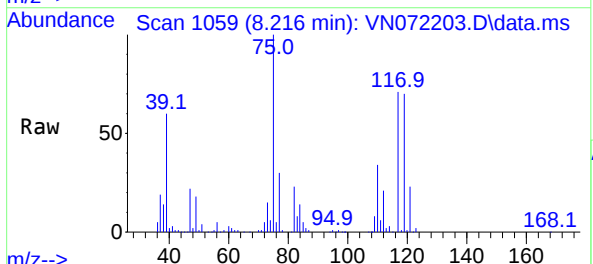
Manual Integrations
APPROVED

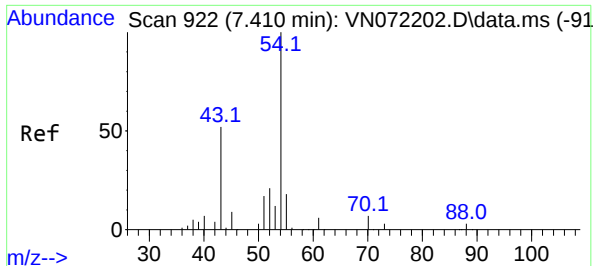
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#36
1,1-Dichloropropene
Concen: 115.617 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion: 75 Resp: 475366
Ion Ratio Lower Upper
75 100
110 33.1 18.3 54.8
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 133.874 ug/l

RT: 7.410 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 61834

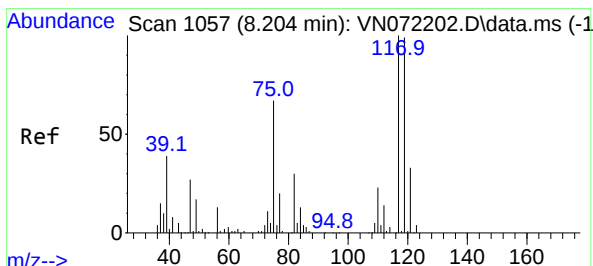
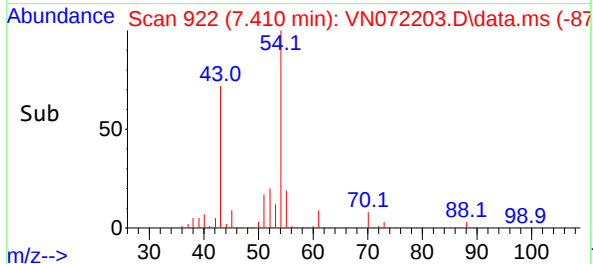
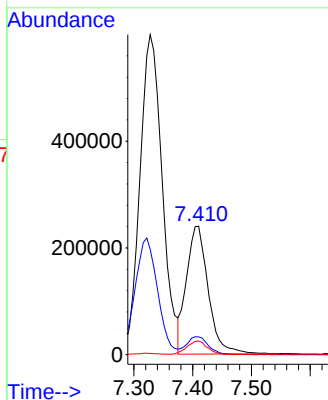
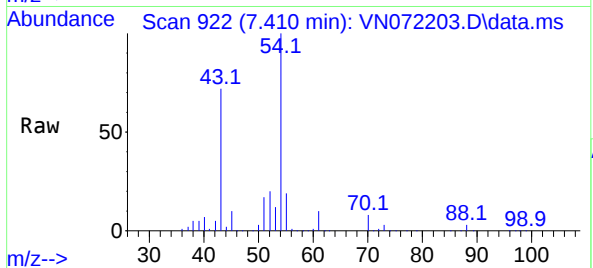
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.6
70	10.1	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#38

Carbon Tetrachloride

Concen: 122.573 ug/l

RT: 8.198 min Scan# 1056

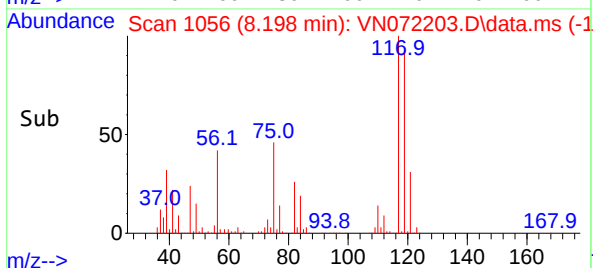
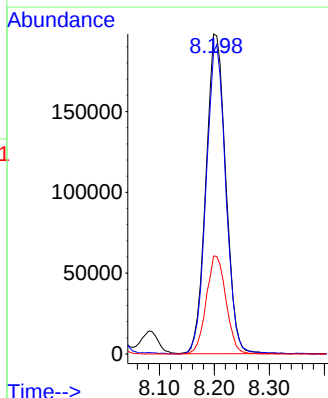
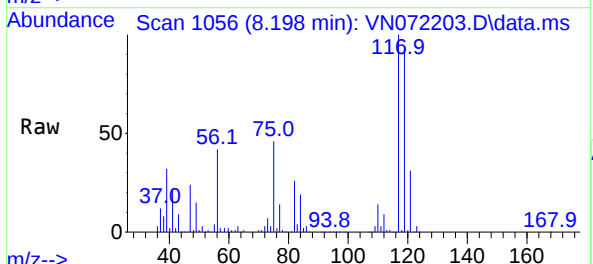
Delta R.T. -0.006 min

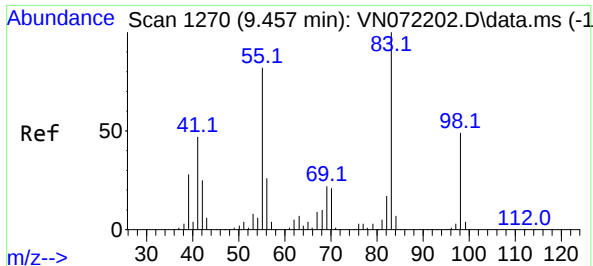
Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Tgt Ion:117 Resp: 496381

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
121	30.6	24.6	37.0





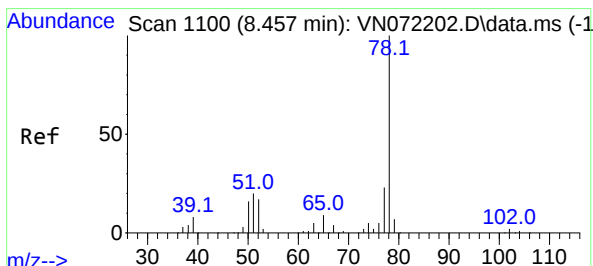
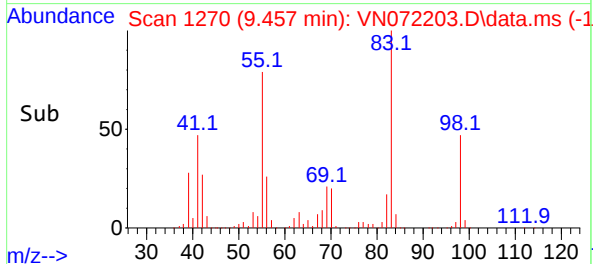
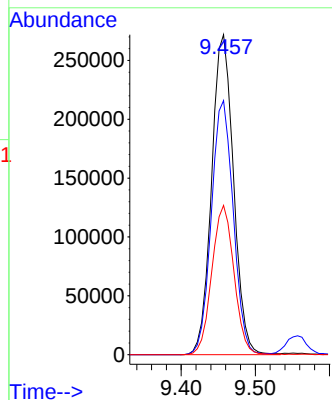
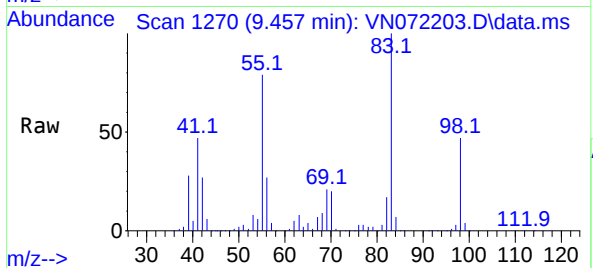
#39
Methylcyclohexane
Concen: 115.463 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 558328
Ion Ratio Lower Upper
83 100
55 79.4 57.8 86.8
98 46.6 39.4 59.2

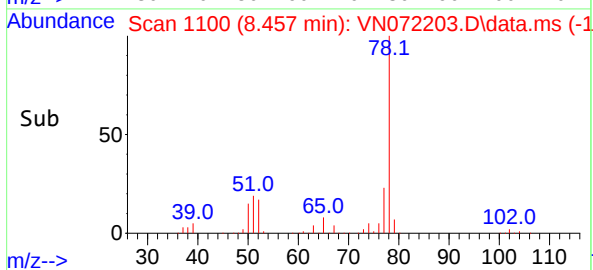
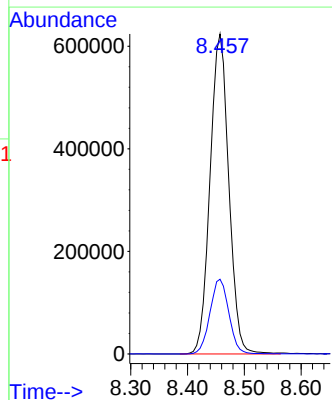
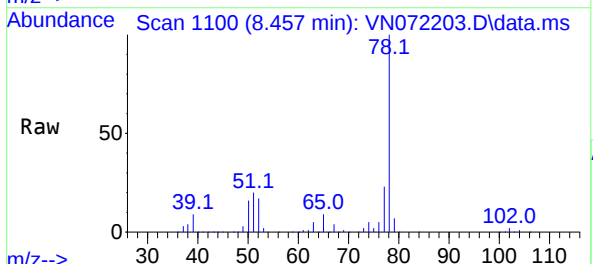
Manual Integrations
APPROVED

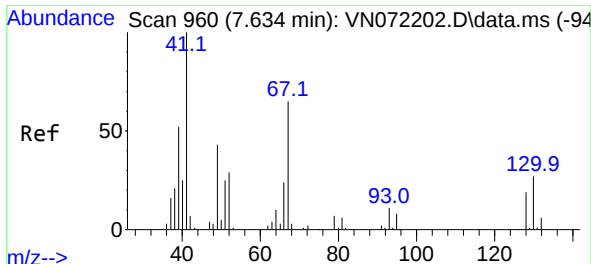
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#40
Benzene
Concen: 110.425 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion: 78 Resp: 1427178
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 149.583 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

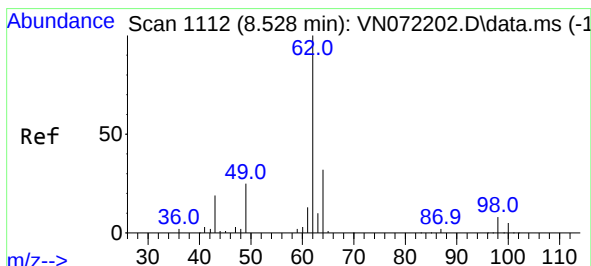
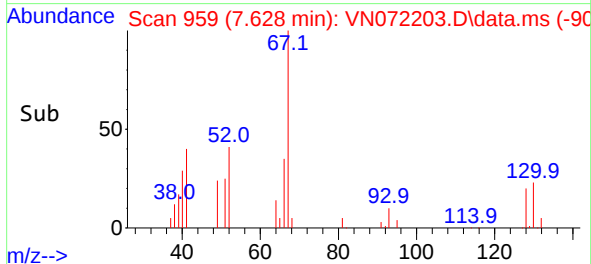
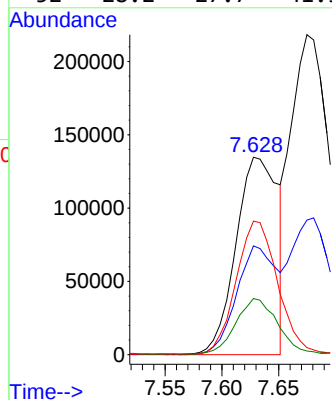
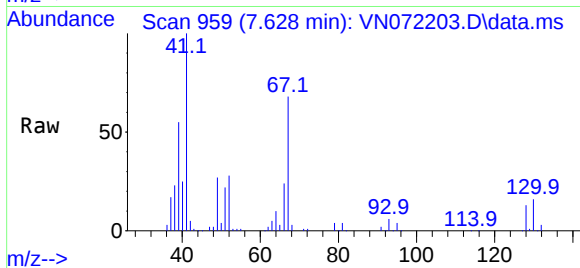
VSTDIC100

Tgt Ion: 41 Resp: 346200
Ion Ratio Lower Upper
41 100
39 52.6 48.6 73.0
67 67.9 73.4 110.2
52 28.2 27.7 41.5

Manual Integrations

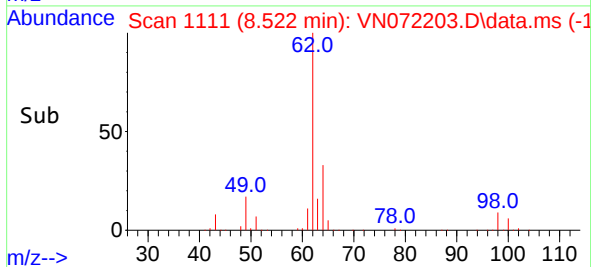
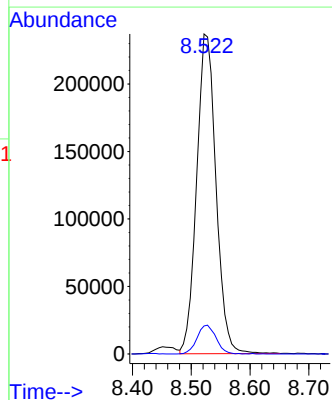
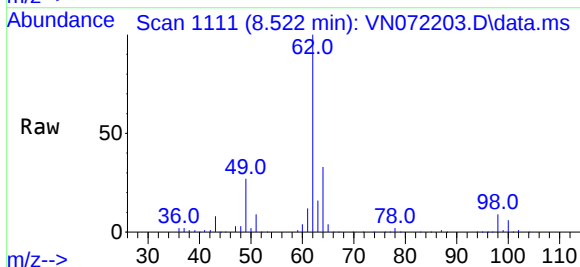
APPROVED

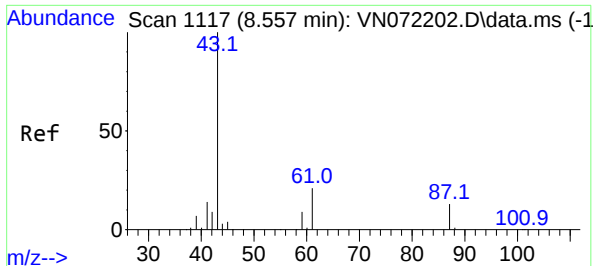
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#42
1,2-Dichloroethane
Concen: 118.918 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

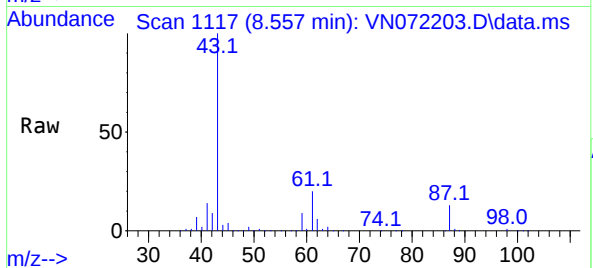
Tgt Ion: 62 Resp: 541376
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 128.535 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

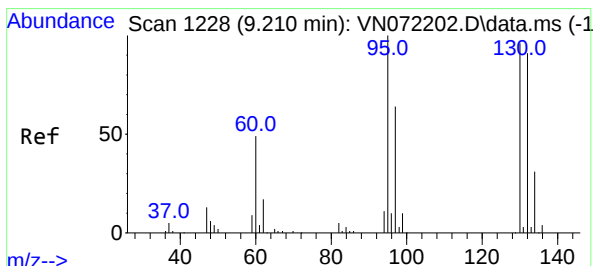
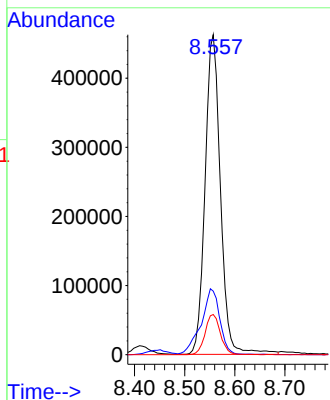
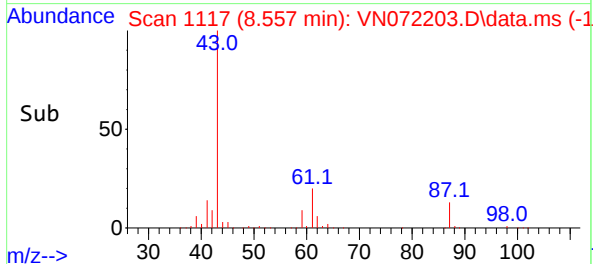
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



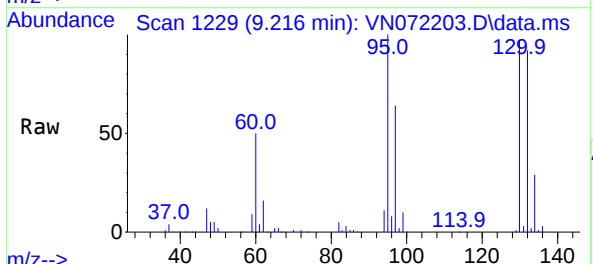
Tgt Ion: 43 Resp: 986938
Ion Ratio Lower Upper
43 100
61 25.0 21.9 32.9
87 12.5 12.0 18.0

Manual Integrations
APPROVED

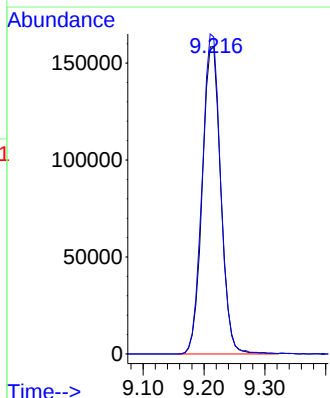
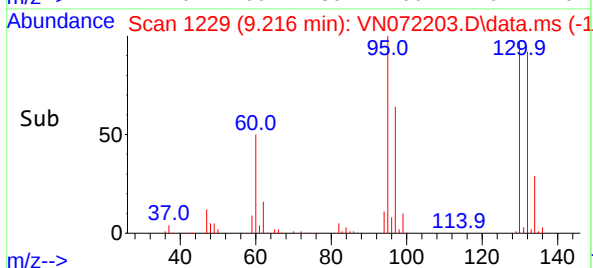
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

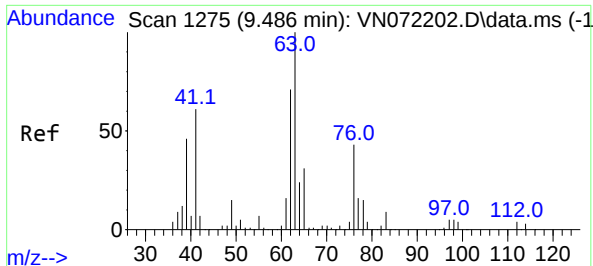


#44
Trichloroethene
Concen: 103.212 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:130 Resp: 335623
Ion Ratio Lower Upper
130 100
95 103.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 117.630 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 38479

Ion Ratio Lower Upper

63 100

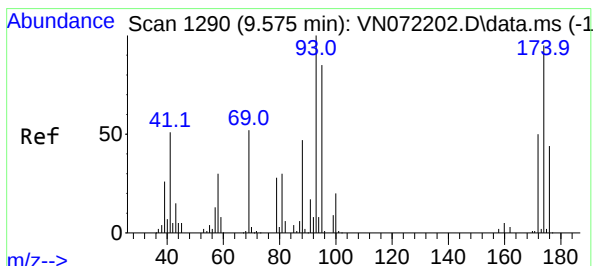
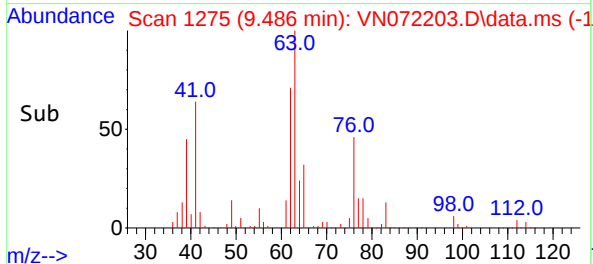
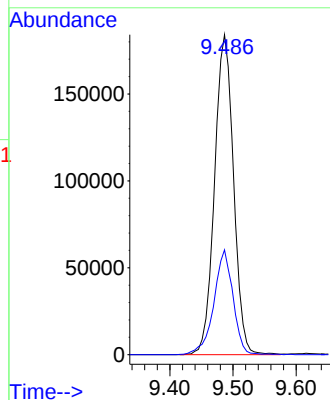
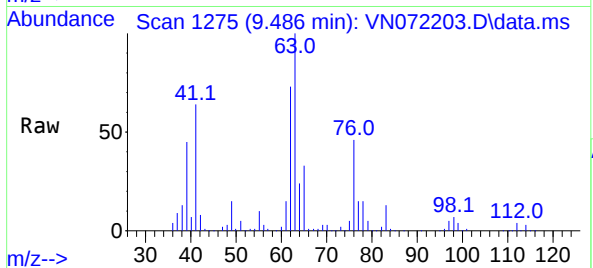
65 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/27/2022

Supervised By :Mahesh Dadoda 04/27/2022



#46

Dibromomethane

Concen: 111.179 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072203.D

Acq: 26 Apr 2022 16:49

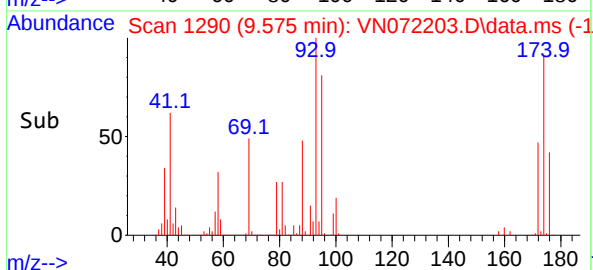
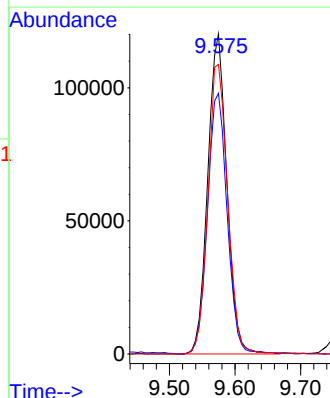
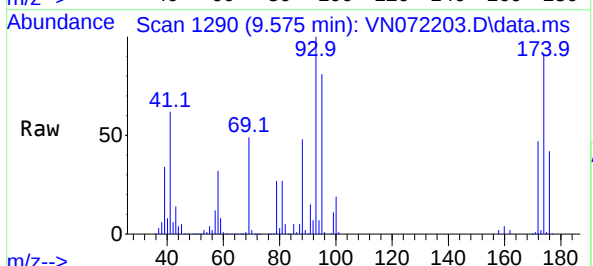
Tgt Ion: 93 Resp: 243648

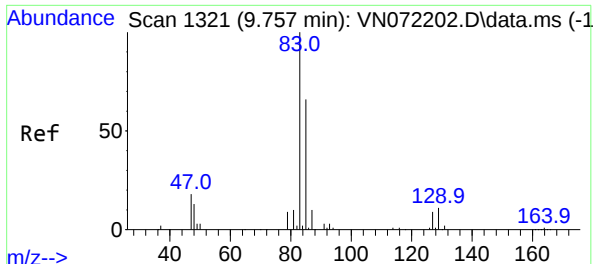
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 93.5 86.6 130.0





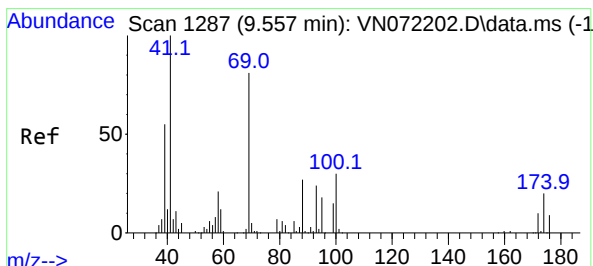
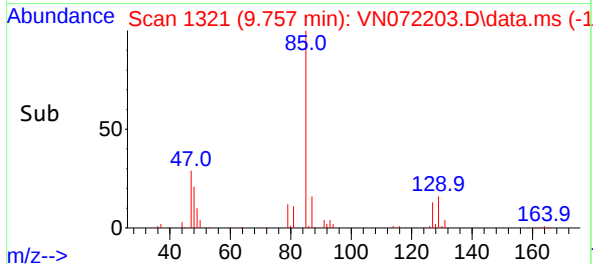
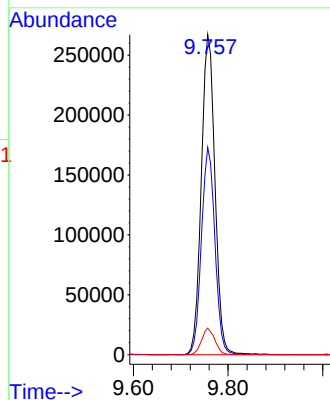
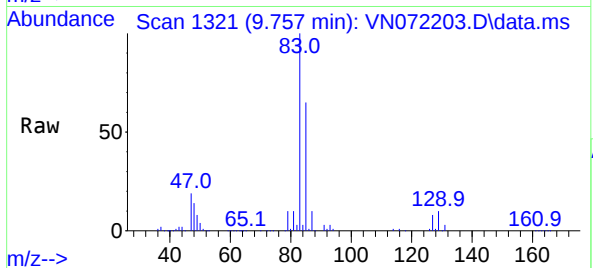
#47
Bromodichloromethane
Concen: 122.972 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 535430
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7
127 8.3 6.8 10.2

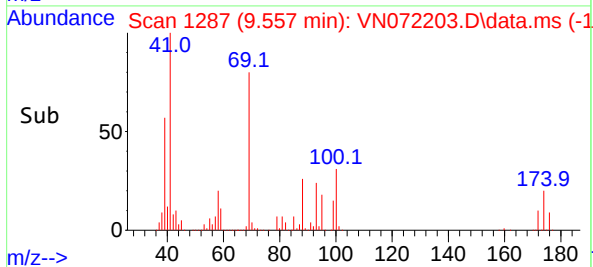
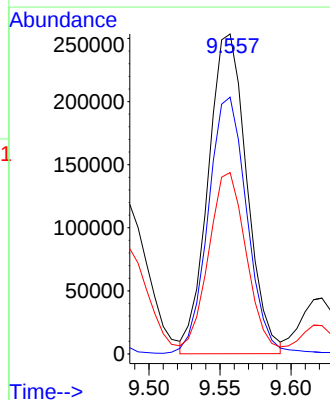
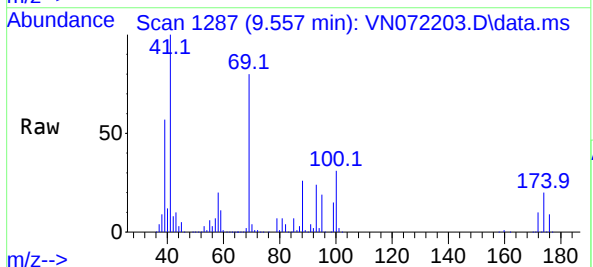
Manual Integrations
APPROVED

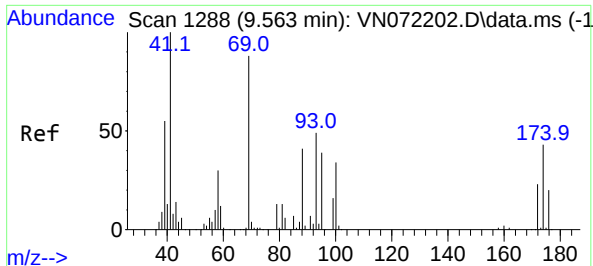
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#48
Methyl methacrylate
Concen: 148.453 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

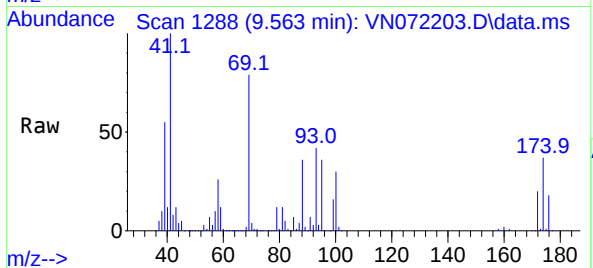
Tgt Ion: 41 Resp: 480037
Ion Ratio Lower Upper
41 100
69 80.6 74.7 112.1
39 55.5 45.6 68.4





#49
1,4-Dioxane
Concen: 2026.690 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

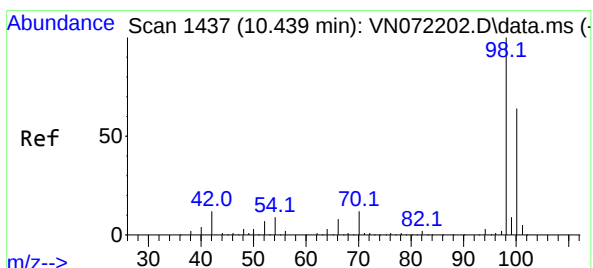
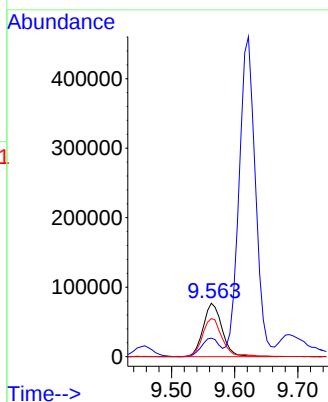
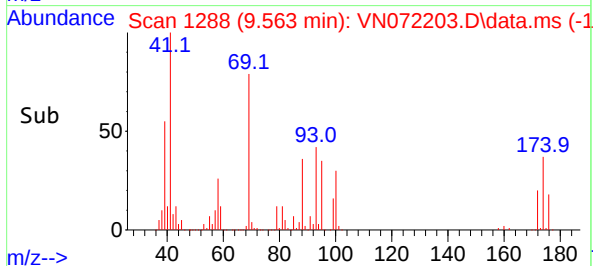
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 159574
Ion Ratio Lower Upper
88 100
43 32.2 20.2 30.4
58 75.6 54.2 81.4

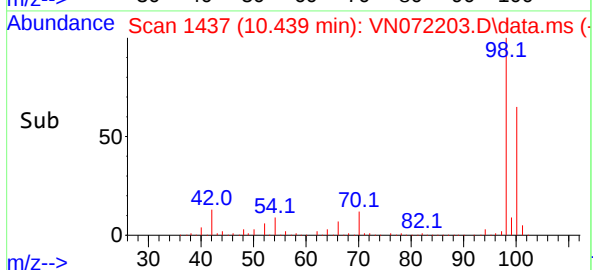
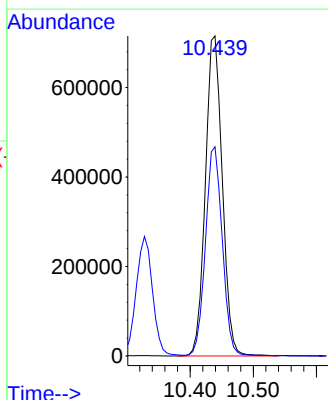
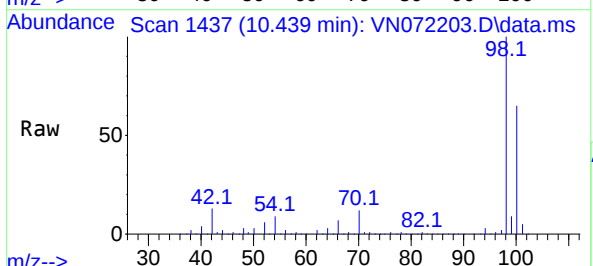
Manual Integrations
APPROVED

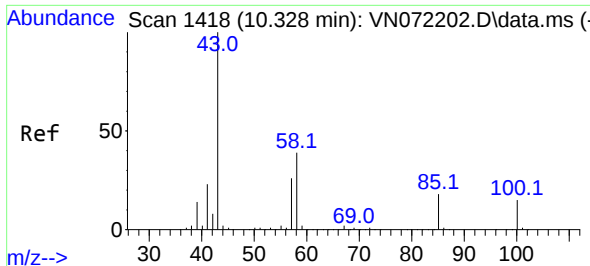
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#50
Toluene-d8
Concen: 111.271 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion: 98 Resp: 1333603
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





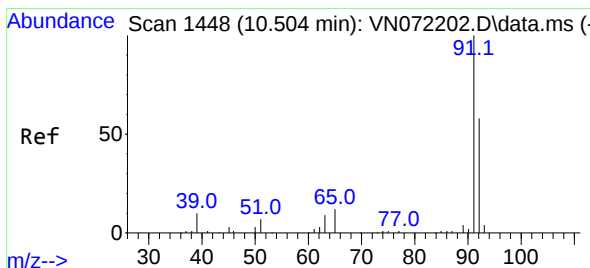
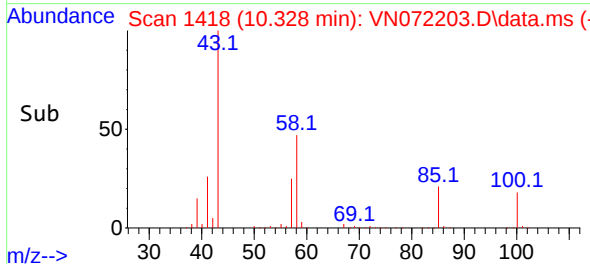
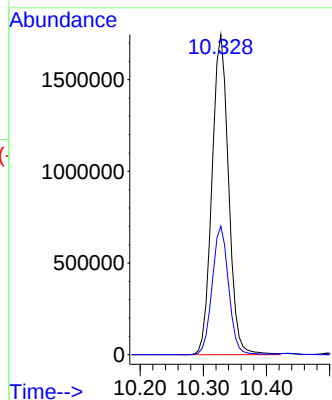
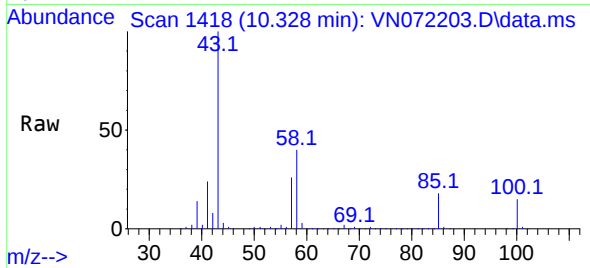
#51
4-Methyl-2-Pentanone
Concen: 714.594 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3187428
Ion Ratio Lower Upper
43 100
58 39.7 34.1 51.1

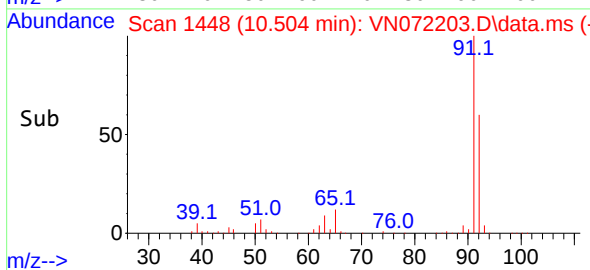
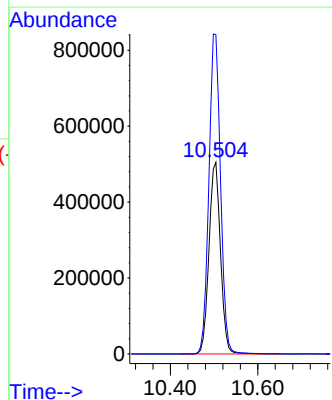
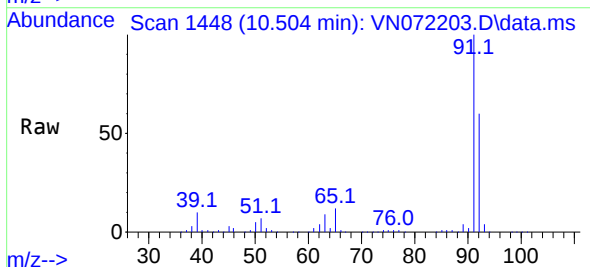
Manual Integrations
APPROVED

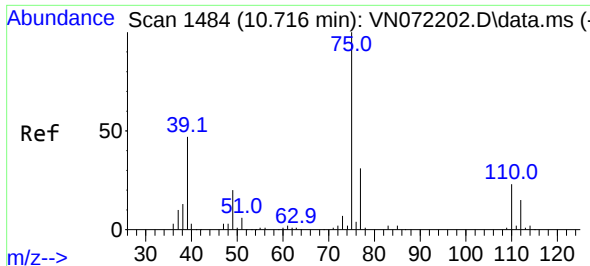
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#52
Toluene
Concen: 113.588 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

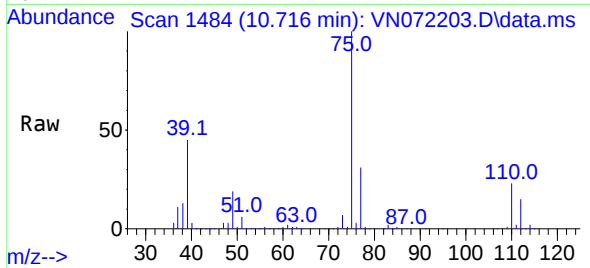
Tgt Ion: 92 Resp: 923851
Ion Ratio Lower Upper
92 100
91 169.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 131.062 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

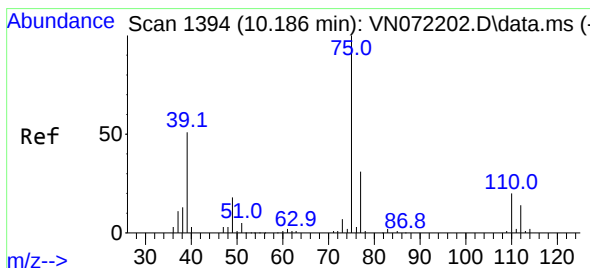
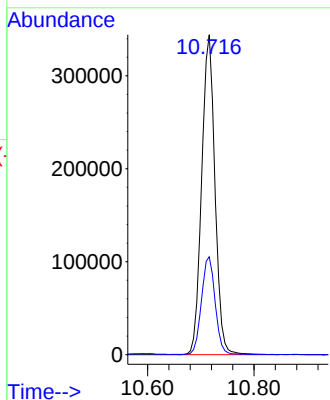
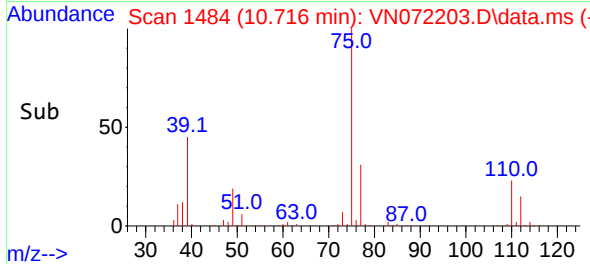
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



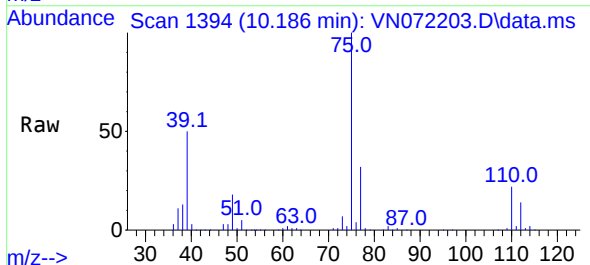
Tgt Ion: 75 Resp: 596032
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

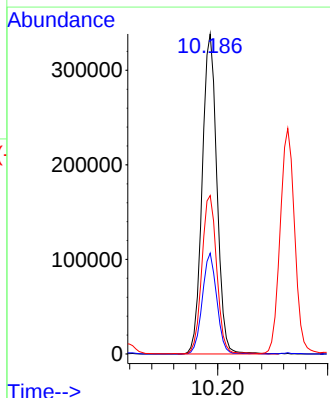
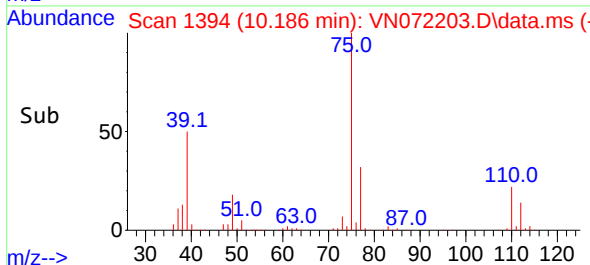
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

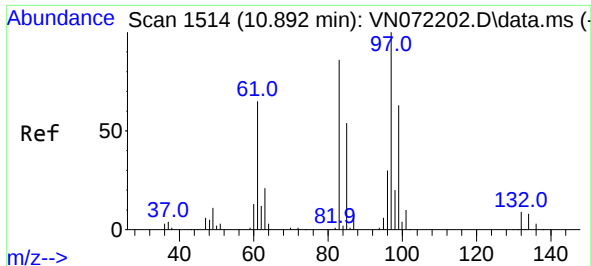


#54
cis-1,3-Dichloropropene
Concen: 125.403 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



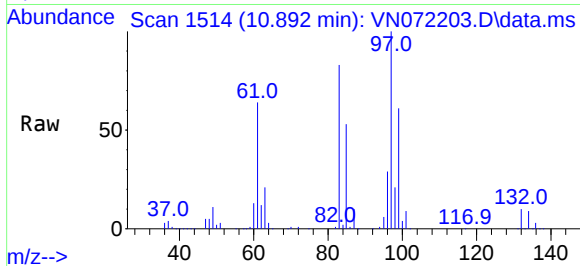
Tgt Ion: 75 Resp: 627760
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 49.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 109.841 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

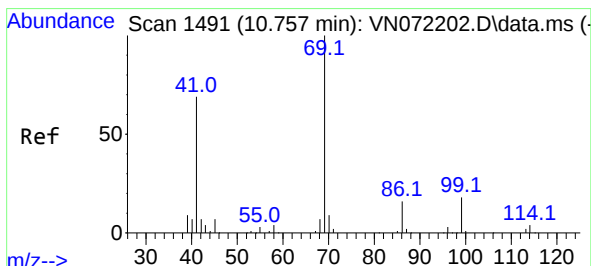
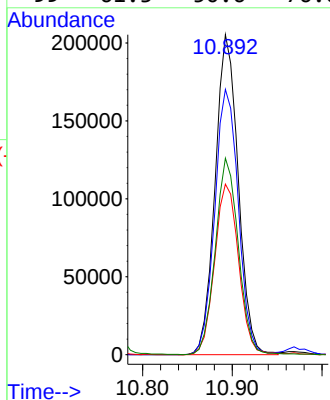
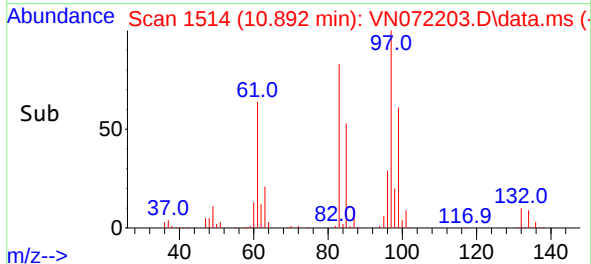
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



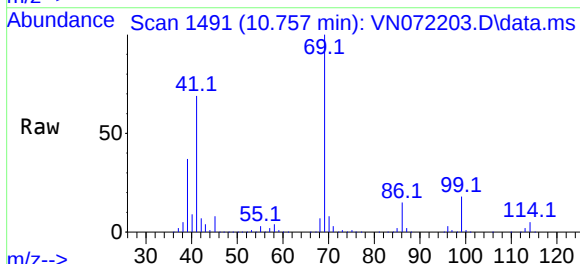
Tgt Ion: 97 Resp: 367060
Ion Ratio Lower Upper
97 100
83 82.9 66.2 99.4
85 53.3 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
APPROVED

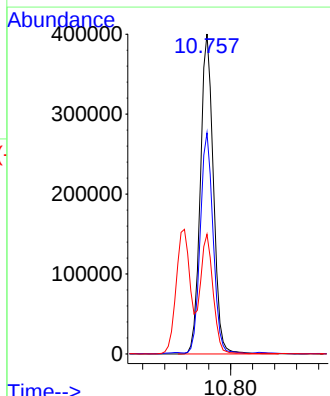
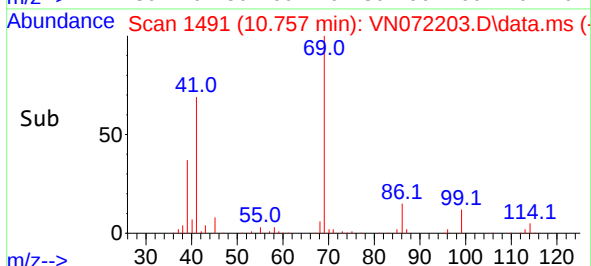
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

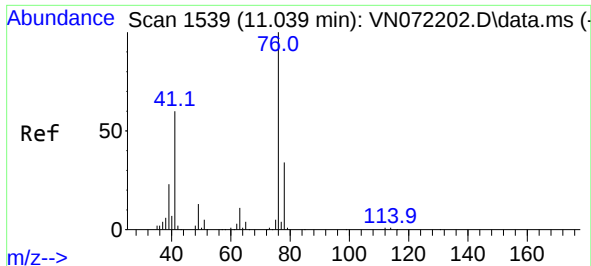


#56
Ethyl methacrylate
Concen: 136.028 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



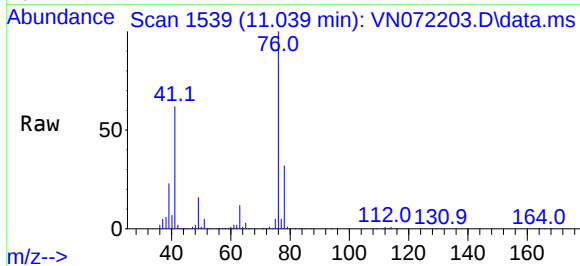
Tgt Ion: 69 Resp: 658149
Ion Ratio Lower Upper
69 100
41 68.0 47.8 71.6
39 36.7 27.3 40.9





#57
1,3-Dichloropropane
Concen: 115.416 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

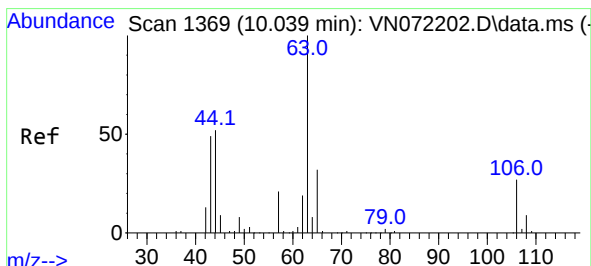
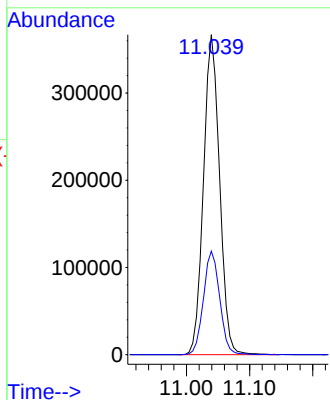
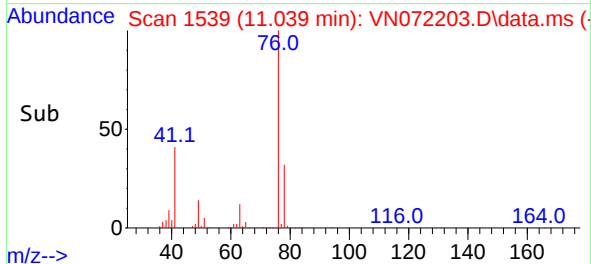
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



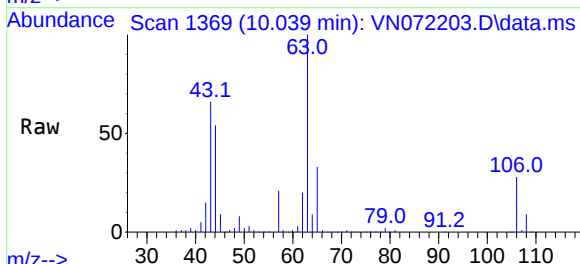
Tgt Ion: 76 Resp: 65085
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

Manual Integrations
APPROVED

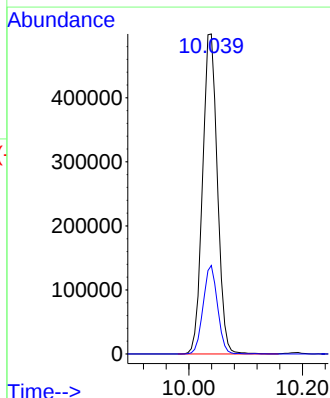
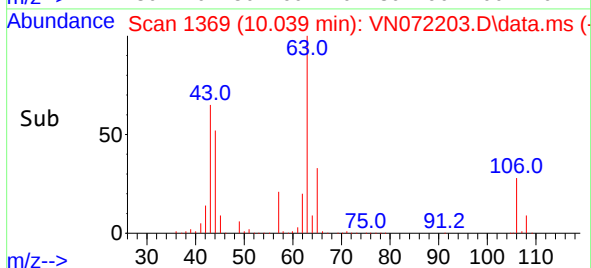
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

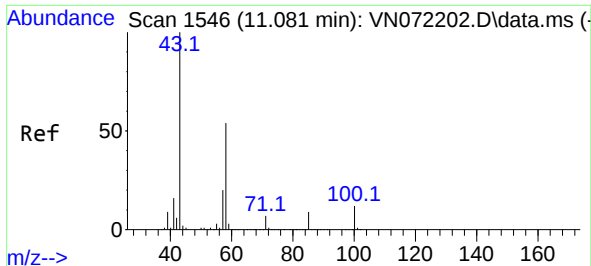


#58
2-Chloroethyl Vinyl ether
Concen: 805.177 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion: 63 Resp: 901630
Ion Ratio Lower Upper
63 100
106 26.8 24.6 36.8





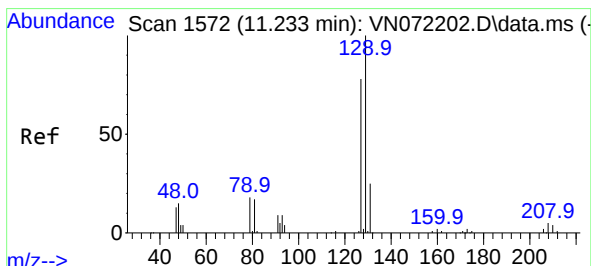
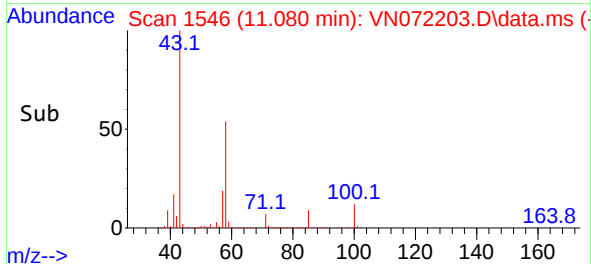
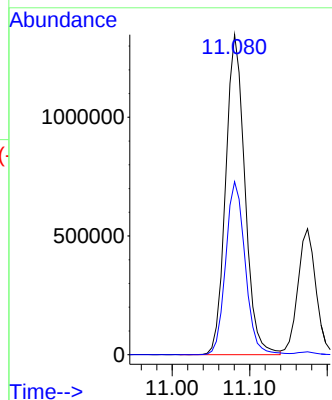
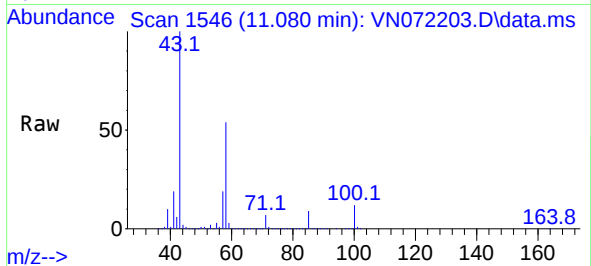
#59
2-Hexanone
Concen: 738.808 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2322708
Ion Ratio Lower Upper
43 100
58 54.8 29.7 89.1

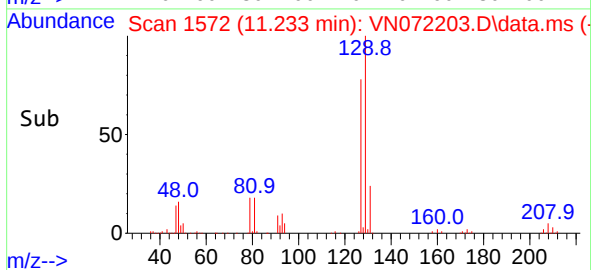
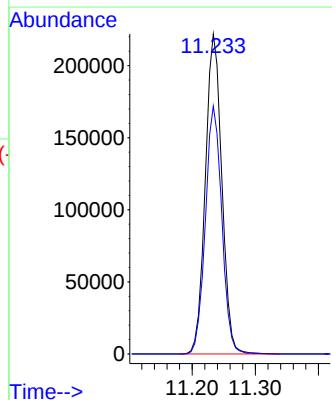
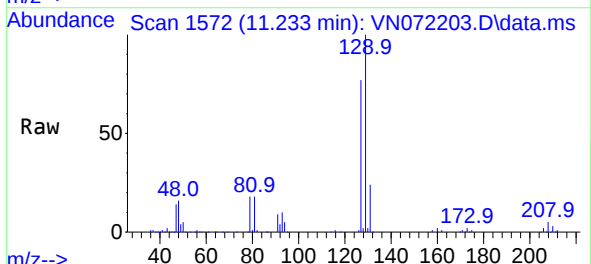
Manual Integrations
APPROVED

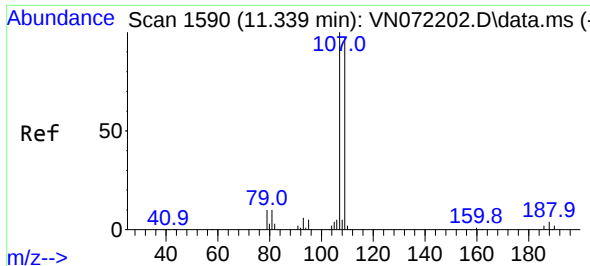
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#60
Dibromochloromethane
Concen: 122.912 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion:129 Resp: 401924
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





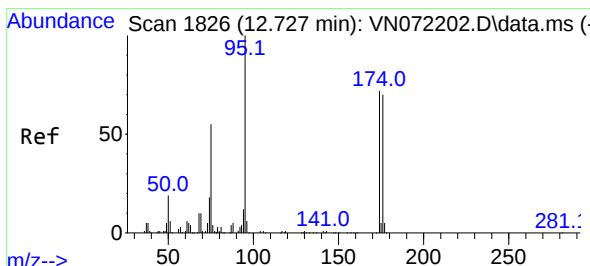
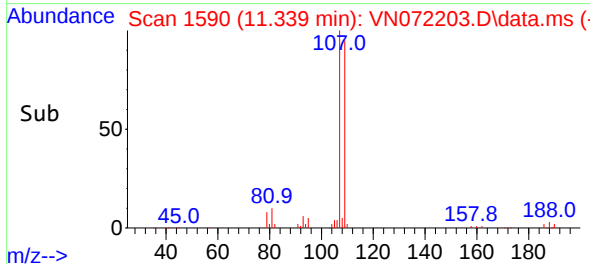
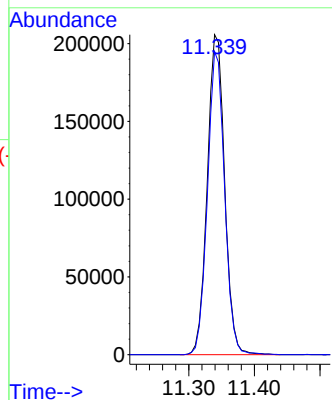
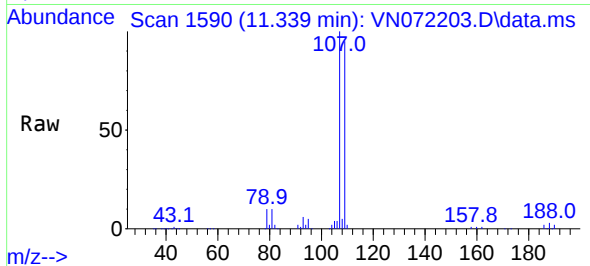
#61
1,2-Dibromoethane
Concen: 115.604 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 379609
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

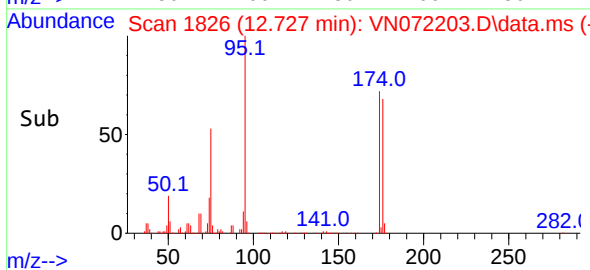
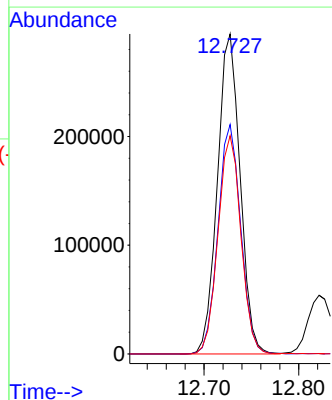
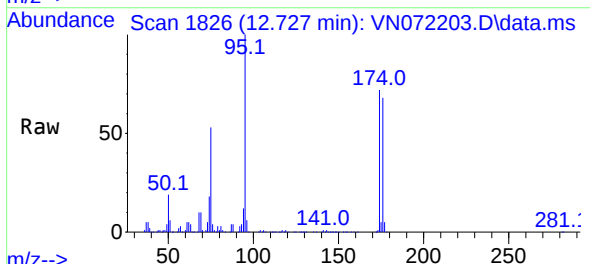
Manual Integrations
APPROVED

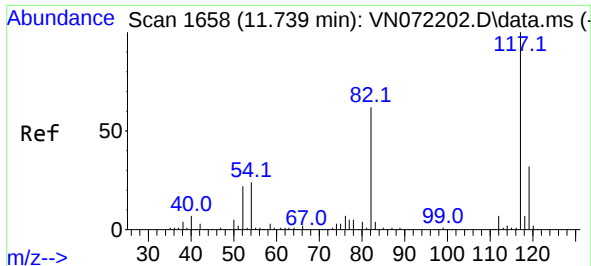
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#62
4-Bromofluorobenzene
Concen: 126.180 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion: 95 Resp: 491381
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 68.7 0.0 163.4





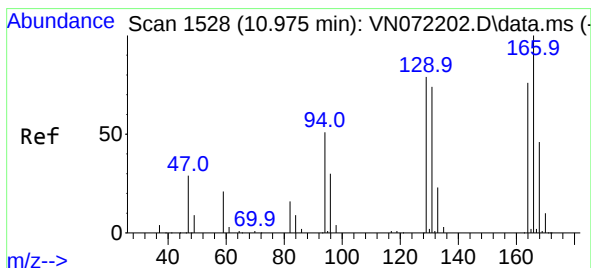
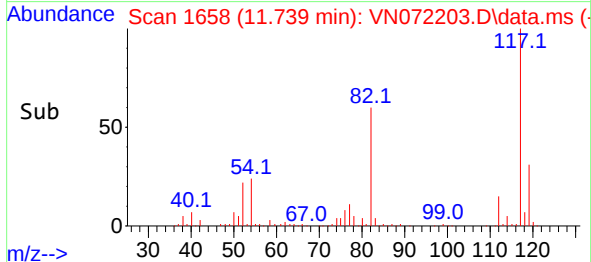
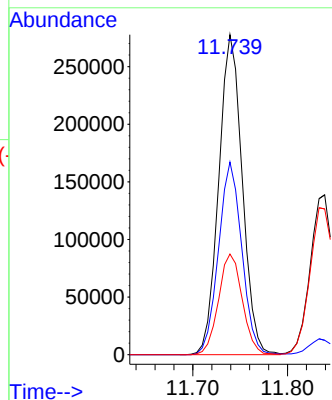
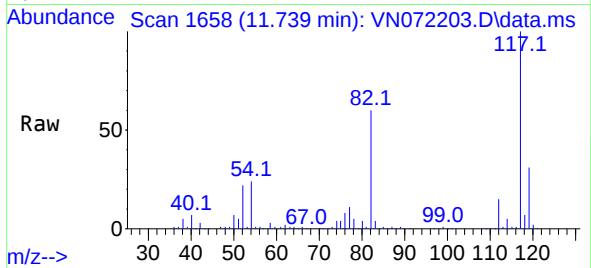
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 479328
Ion Ratio Lower Upper
117 100
82 60.2 44.2 66.2
119 31.5 25.4 38.0

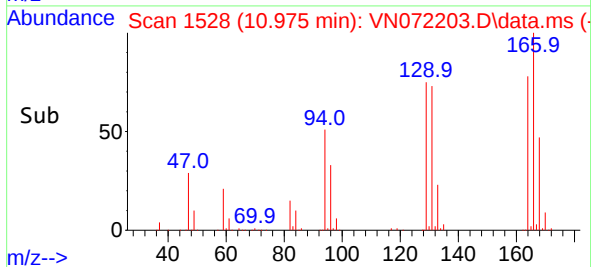
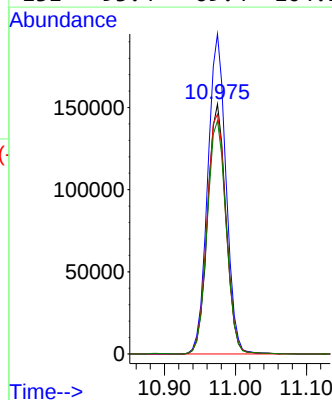
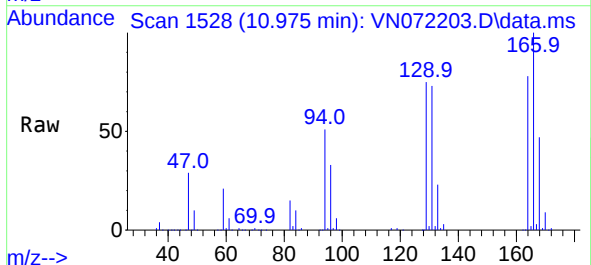
Manual Integrations
APPROVED

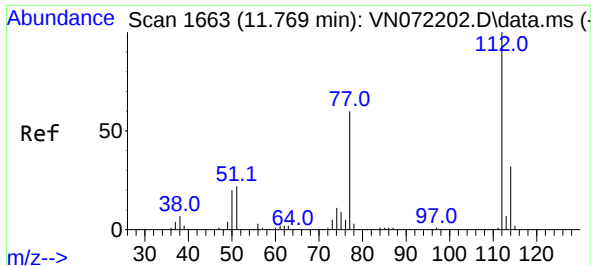
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#64
Tetrachloroethene
Concen: 88.582 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

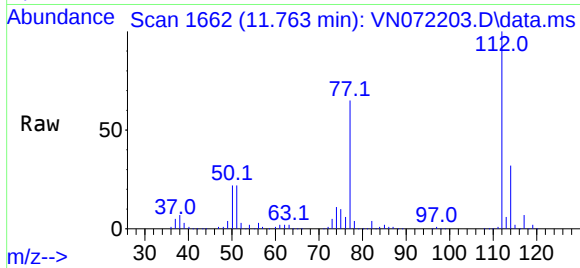
Tgt Ion:164 Resp: 273986
Ion Ratio Lower Upper
164 100
166 128.1 104.2 156.2
129 96.0 73.9 110.9
131 93.4 69.4 104.2





#65
Chlorobenzene
Concen: 101.358 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

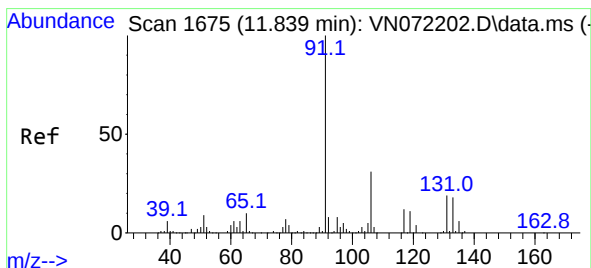
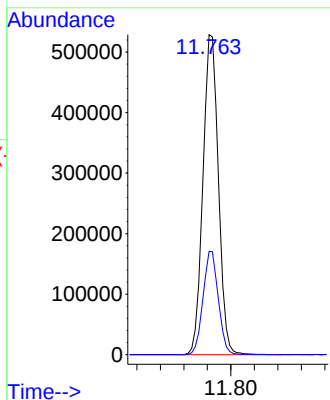
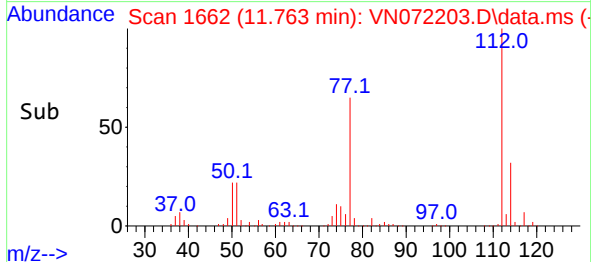
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



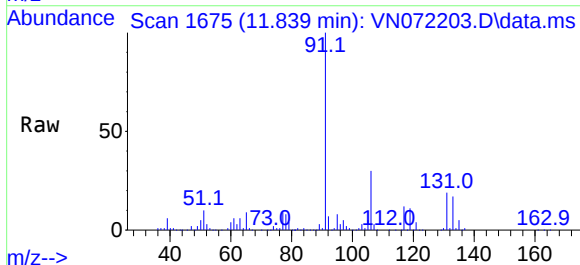
Tgt Ion:112 Resp: 963194
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

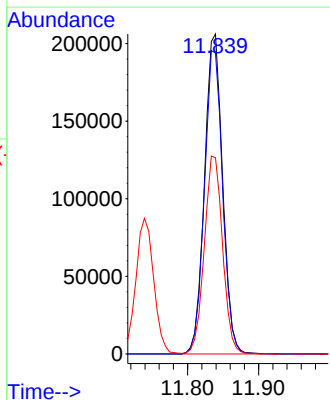
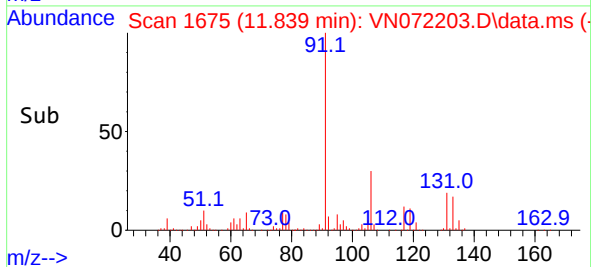
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

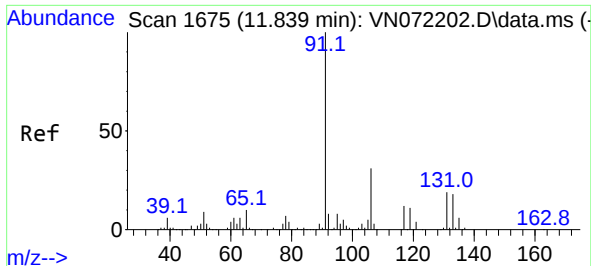


#66
1,1,1,2-Tetrachloroethane
Concen: 105.728 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:131 Resp: 365593
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 62.5 33.4 100.2





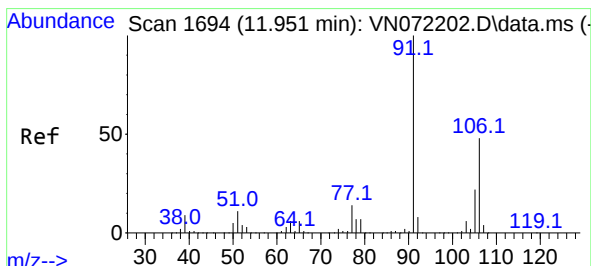
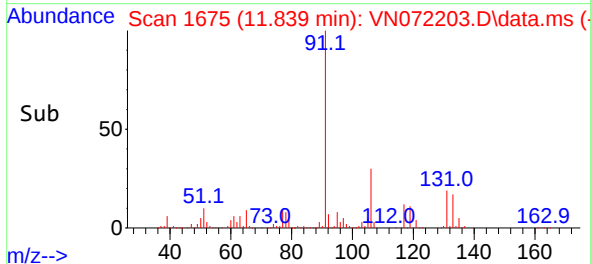
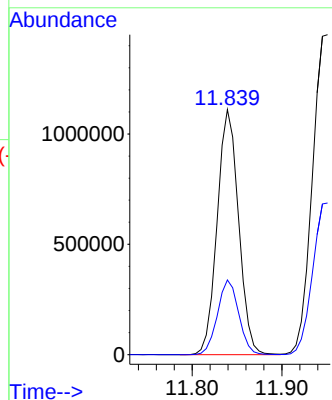
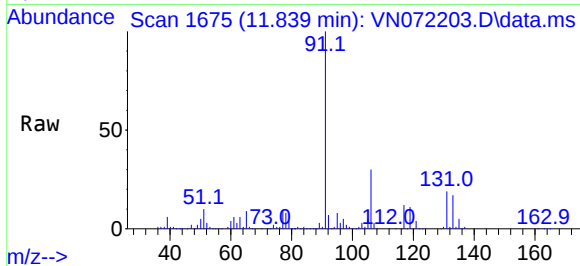
#67
Ethyl Benzene
Concen: 113.262 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1838800
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

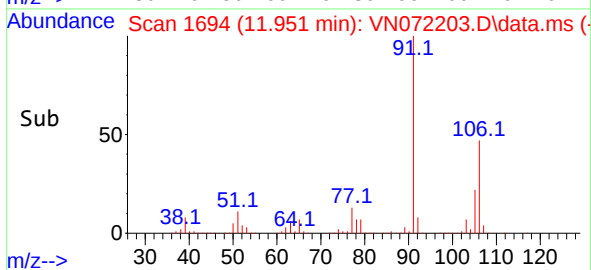
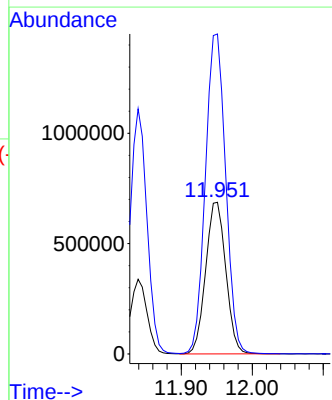
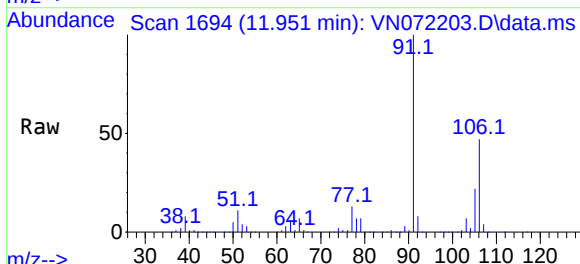
Manual Integrations
APPROVED

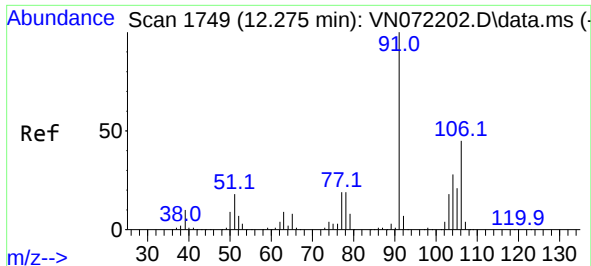
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#68
m/p-Xylenes
Concen: 218.771 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion:106 Resp: 1354091
Ion Ratio Lower Upper
106 100
91 212.4 158.9 238.3





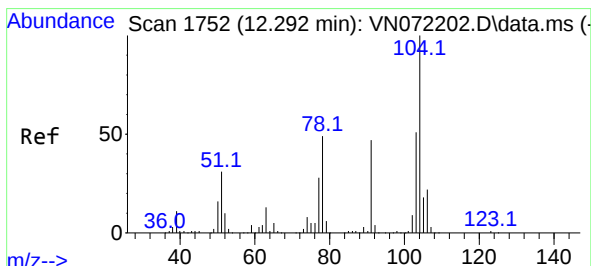
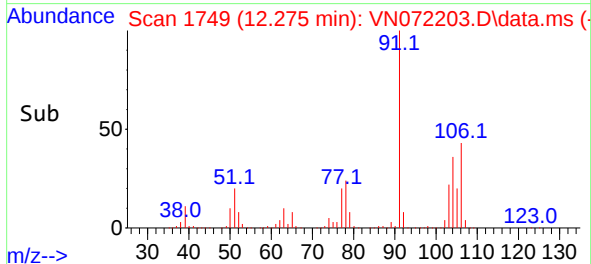
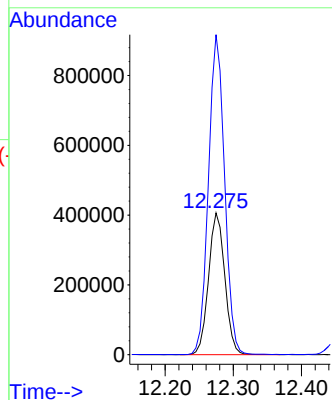
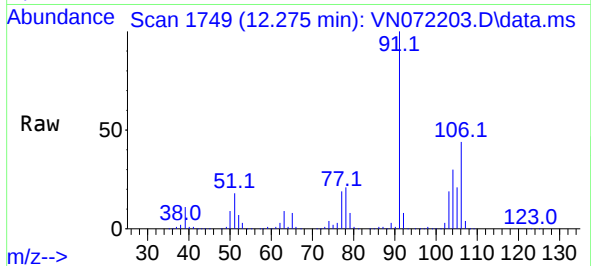
#69
o-Xylene
Concen: 109.638 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 673778
Ion Ratio Lower Upper
106 100
91 223.9 106.0 318.0

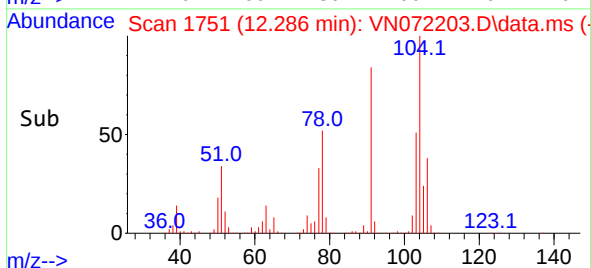
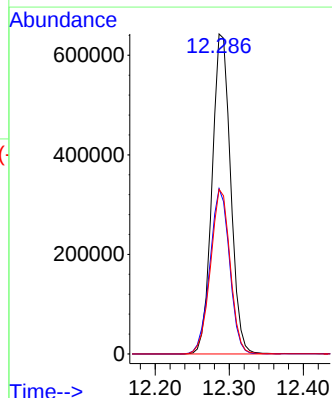
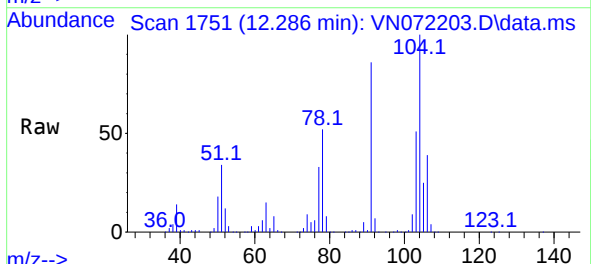
Manual Integrations
APPROVED

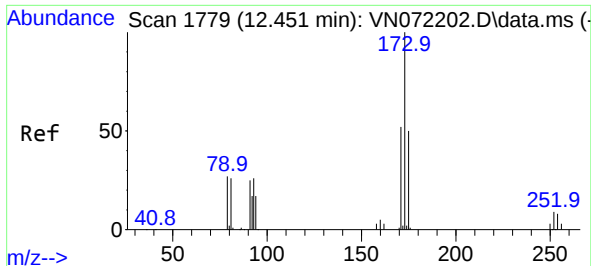
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#70
Styrene
Concen: 120.104 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion:104 Resp: 1118071
Ion Ratio Lower Upper
104 100
78 54.7 39.5 59.3
103 54.4 44.0 66.0





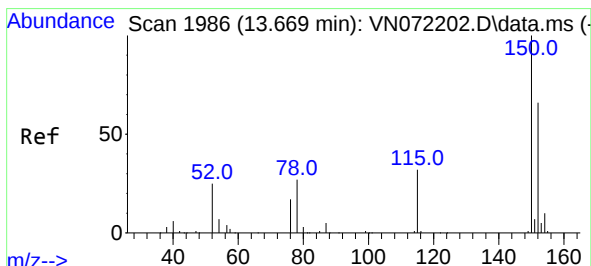
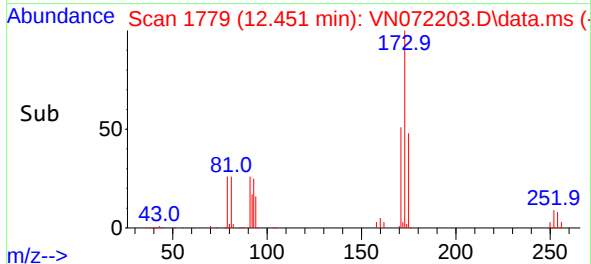
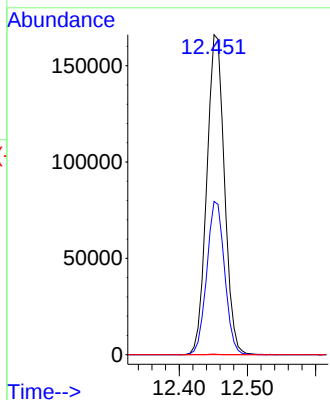
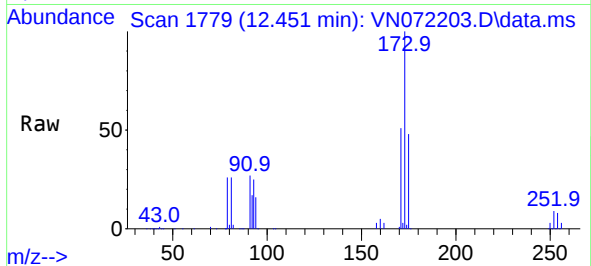
#71
Bromoform
Concen: 115.372 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 29950
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.1 0.1 0.1

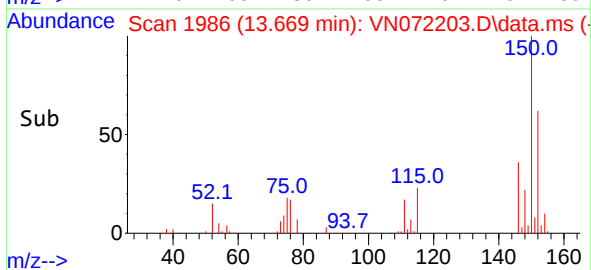
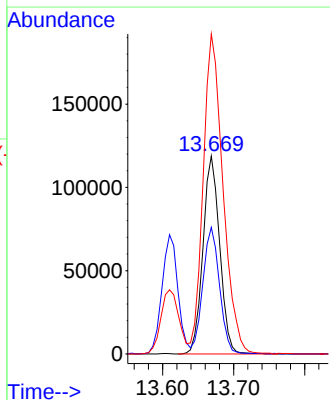
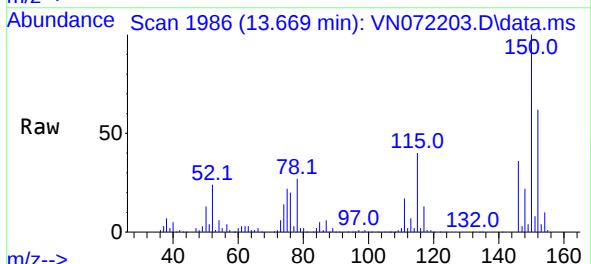
Manual Integrations
APPROVED

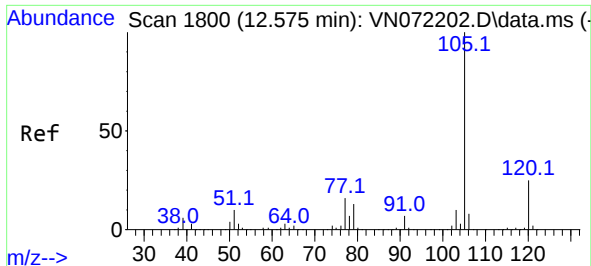
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion:152 Resp: 194669
Ion Ratio Lower Upper
152 100
115 63.9 28.9 86.7
150 192.1 0.0 356.2





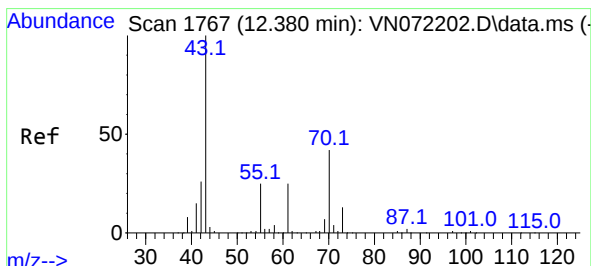
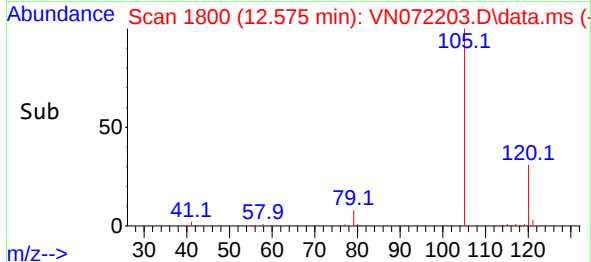
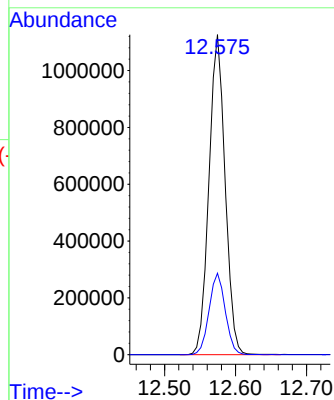
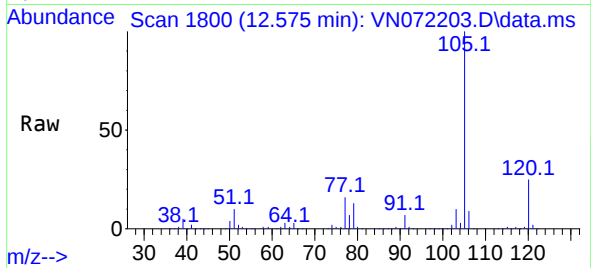
#73
Isopropylbenzene
Concen: 108.199 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 178097
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.4

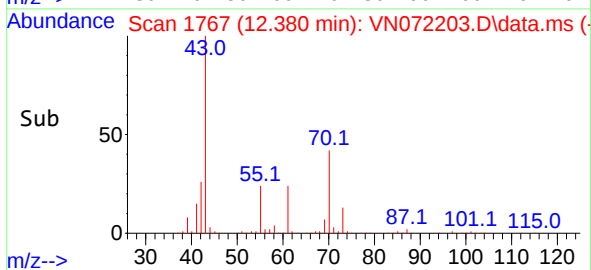
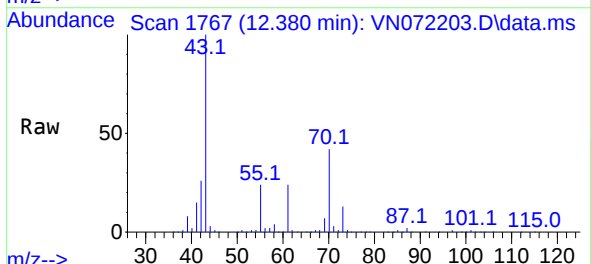
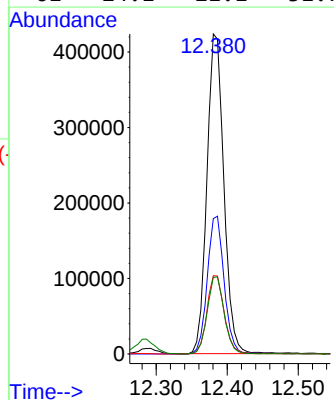
Manual Integrations
APPROVED

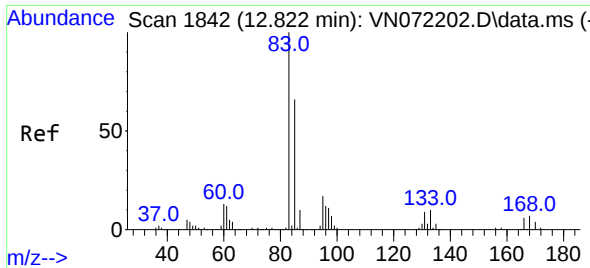
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#74
N-ethyl acetate
Concen: 143.404 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

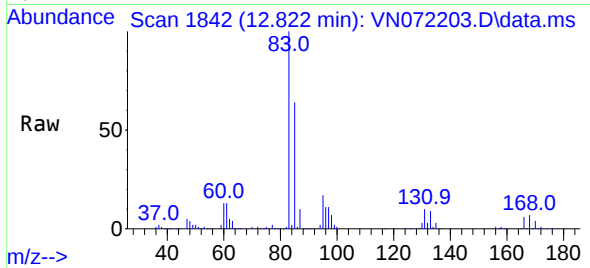
Tgt Ion: 43 Resp: 702777
Ion Ratio Lower Upper
43 100
70 43.0 39.0 58.4
55 25.0 21.1 31.7
61 24.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 102.209 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

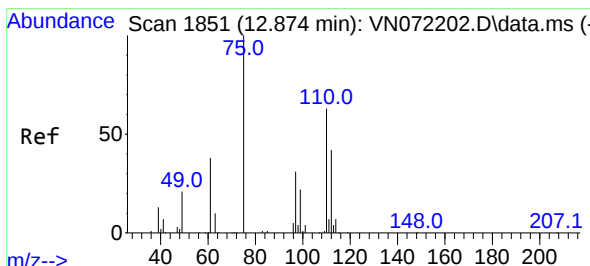
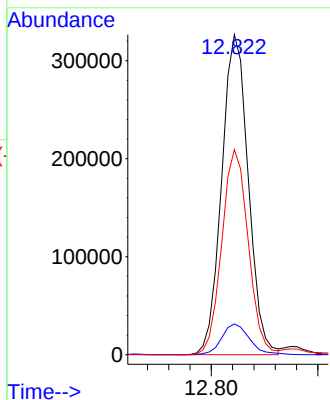
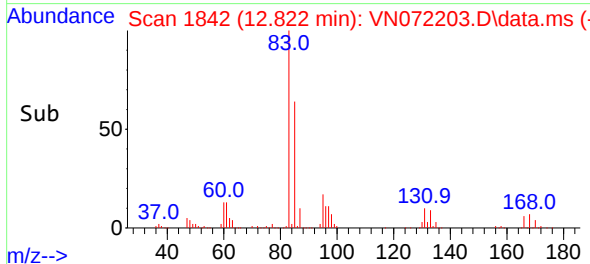
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



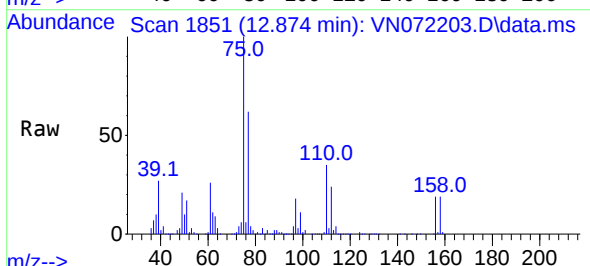
Tgt Ion: 83 Resp: 566158
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 63.5 32.3 96.9

Manual Integrations
APPROVED

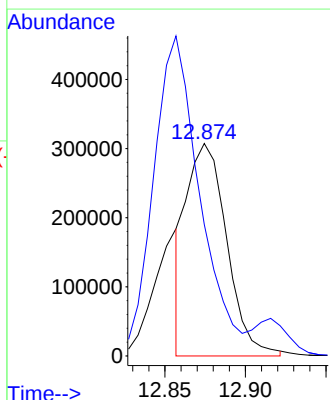
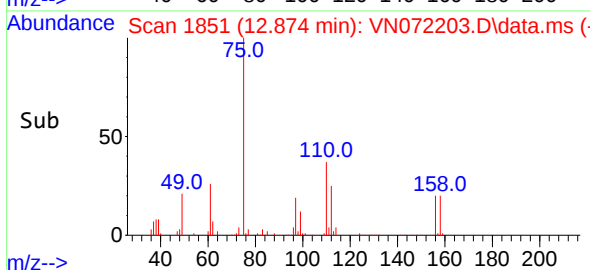
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

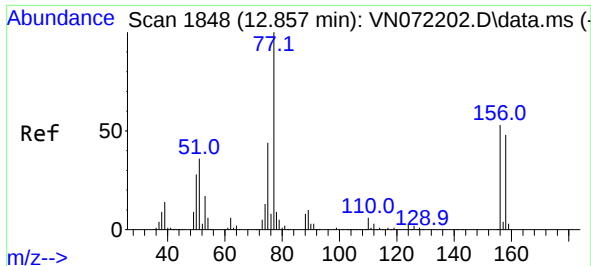


#76
1,2,3-Trichloropropane
Concen: 114.971 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion: 75 Resp: 533566
Ion Ratio Lower Upper
75 100
77 172.8 98.5 295.5





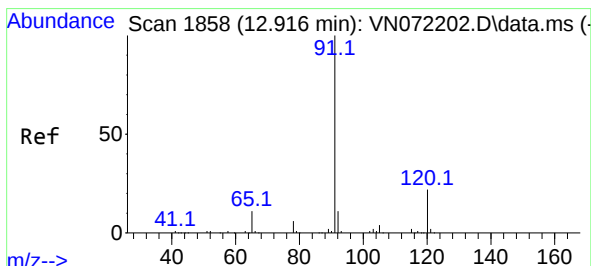
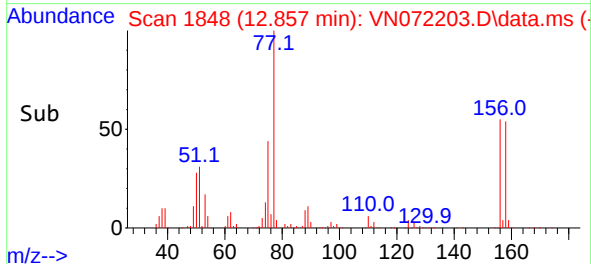
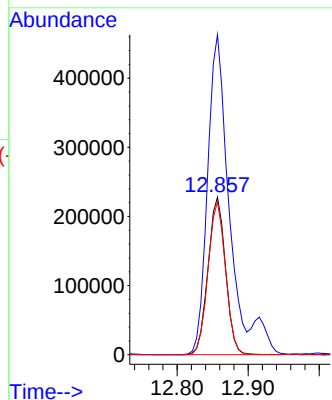
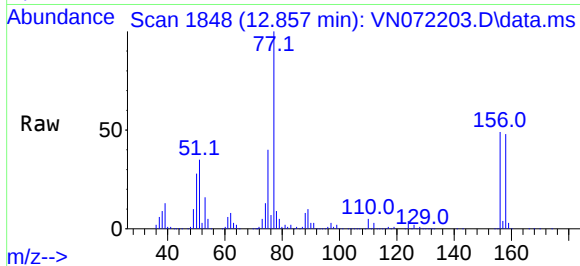
#77
Bromobenzene
Concen: 96.335 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 390680
Ion Ratio Lower Upper
156 100
77 236.0 100.5 301.5
158 97.1 48.9 146.6

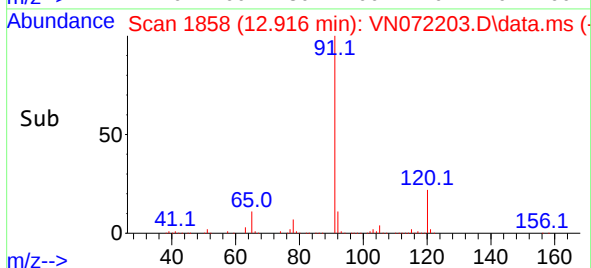
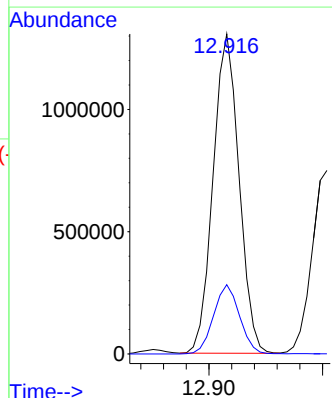
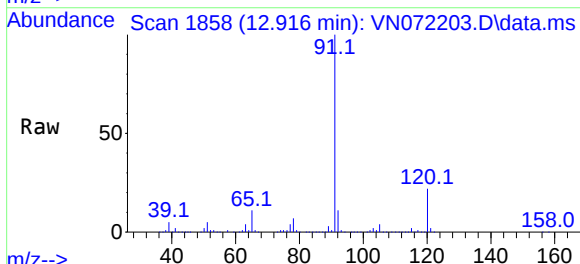
Manual Integrations
APPROVED

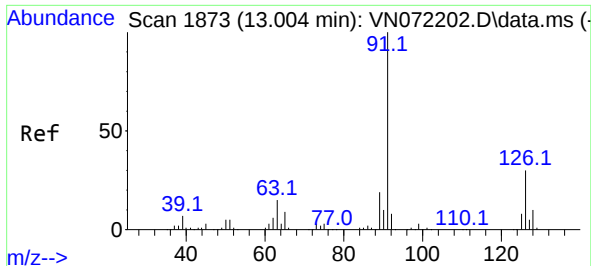
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#78
n-propylbenzene
Concen: 119.004 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion: 91 Resp: 2070965
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





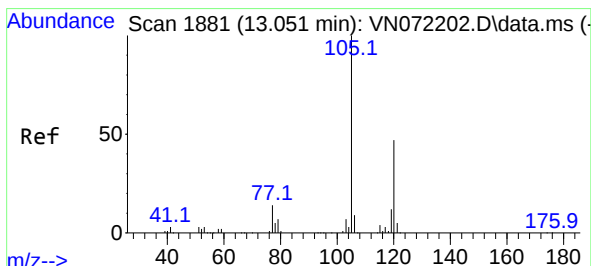
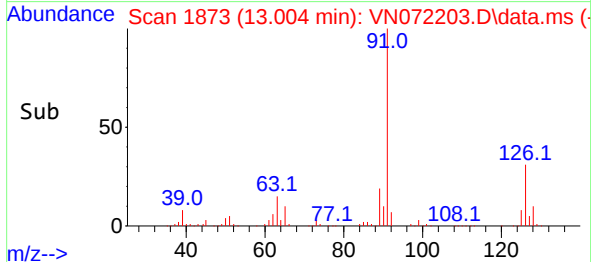
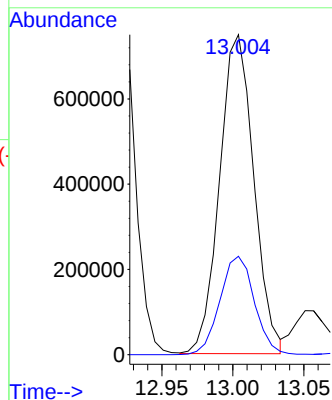
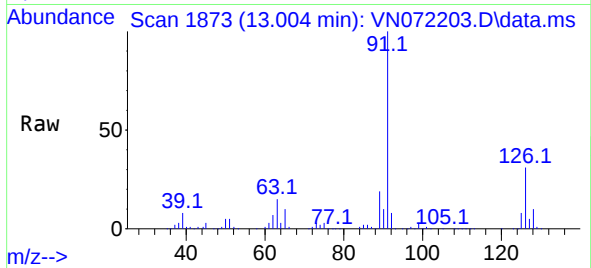
#79
2-Chlorotoluene
Concen: 112.109 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 125520
Ion Ratio Lower Upper
91 100
126 31.1 17.3 51.9

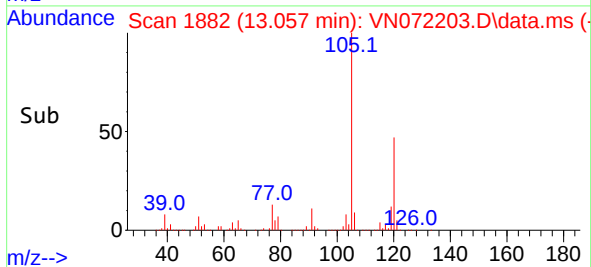
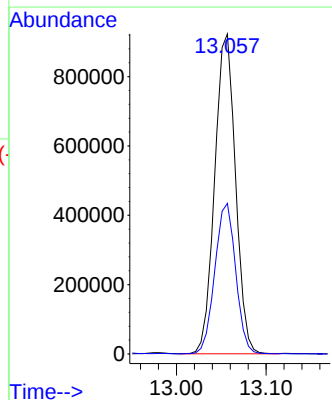
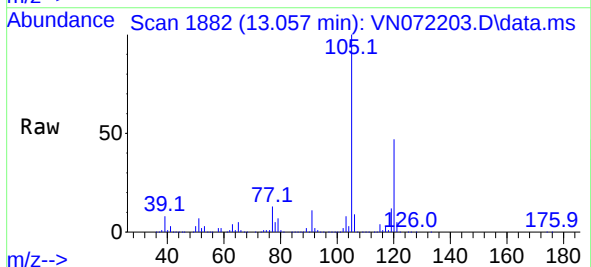
Manual Integrations
APPROVED

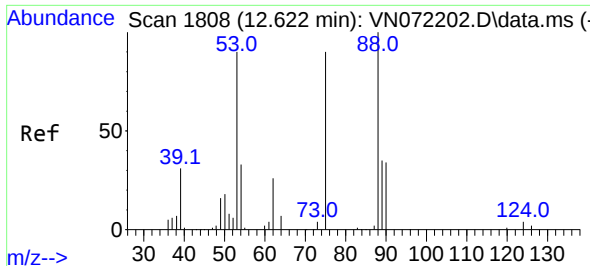
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 113.029 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

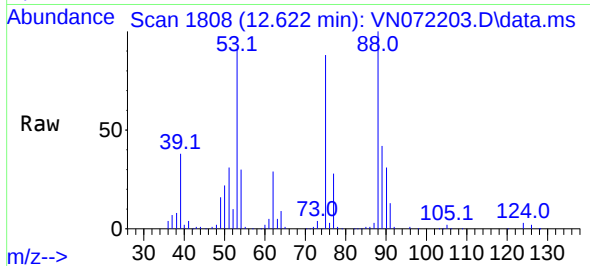
Tgt Ion:105 Resp: 1484748
Ion Ratio Lower Upper
105 100
120 47.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 126.238 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

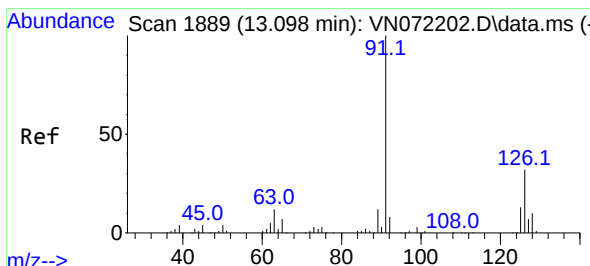
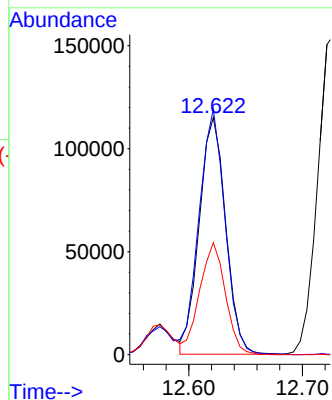
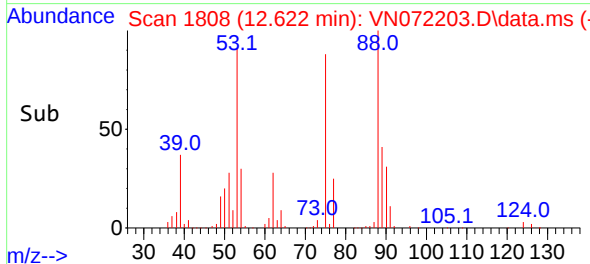
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



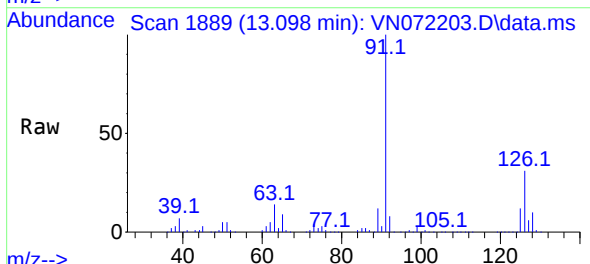
Tgt Ion: 75 Resp: 186498
Ion Ratio Lower Upper
75 100
53 103.3 78.0 117.0
89 46.2 37.2 55.8

Manual Integrations
APPROVED

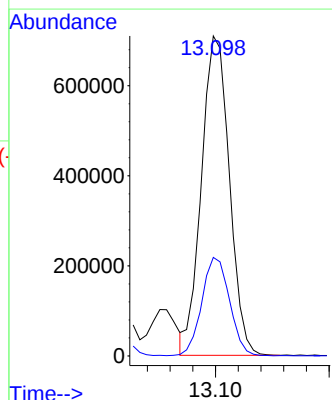
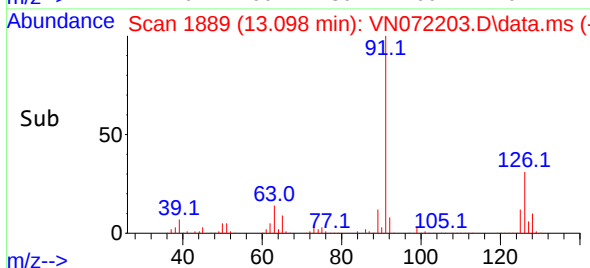
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

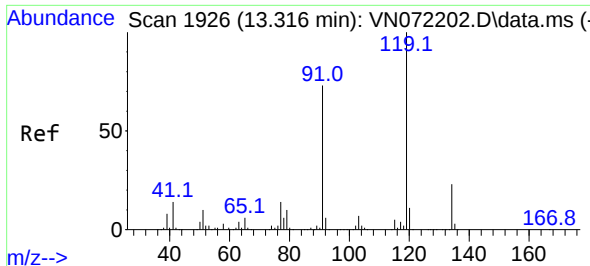


#82
4-Chlorotoluene
Concen: 116.630 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



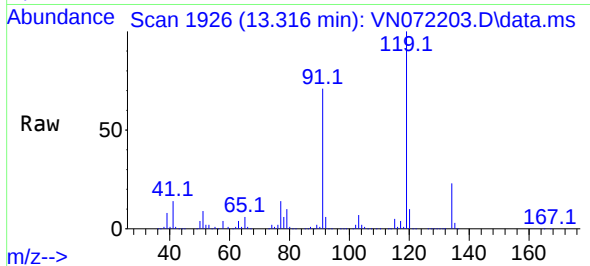
Tgt Ion: 91 Resp: 1210770
Ion Ratio Lower Upper
91 100
126 30.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 109.303 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

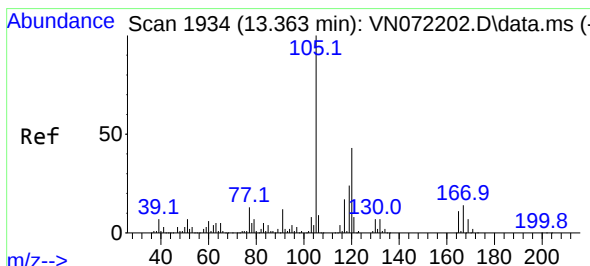
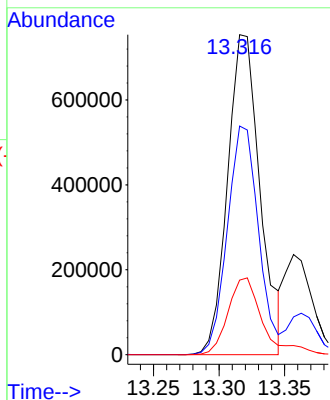
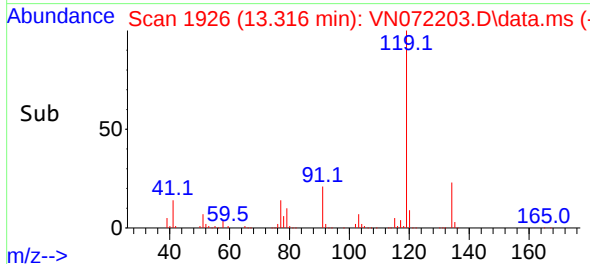
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



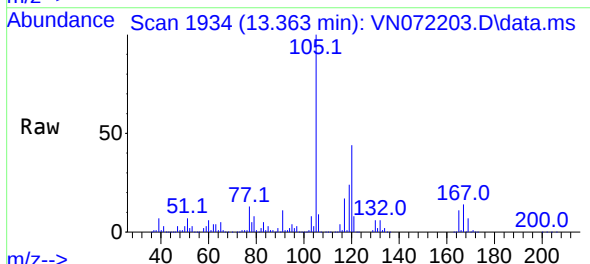
Tgt Ion:119 Resp: 1301048
Ion Ratio Lower Upper
119 100
91 68.3 31.6 94.8
134 25.5 13.7 41.1

Manual Integrations
APPROVED

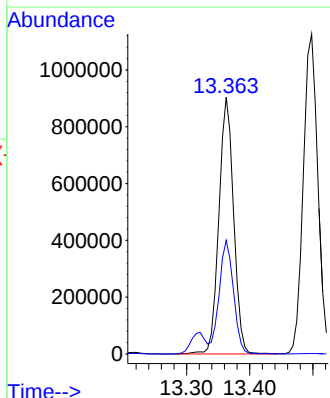
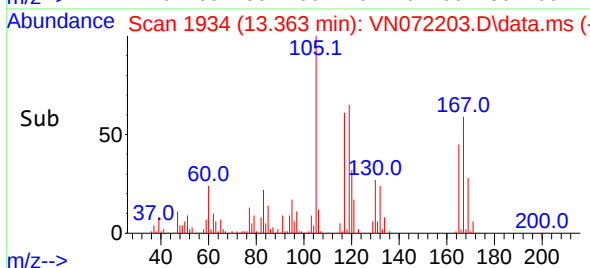
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

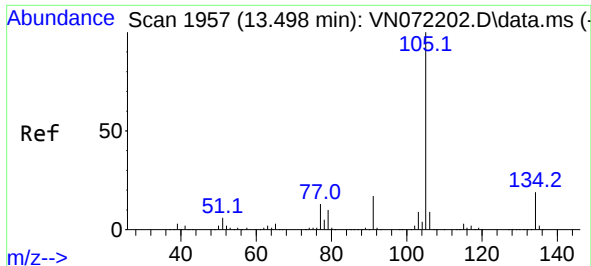


#84
1,2,4-Trimethylbenzene
Concen: 114.398 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:105 Resp: 1468666
Ion Ratio Lower Upper
105 100
120 43.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 116.564 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

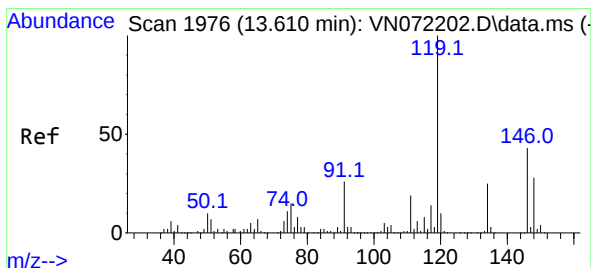
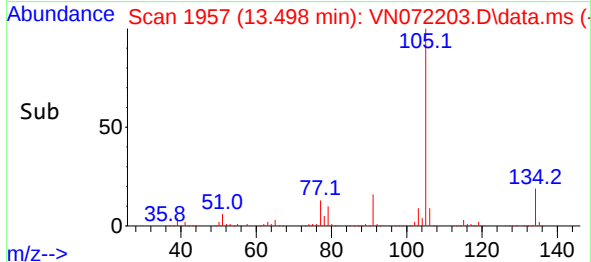
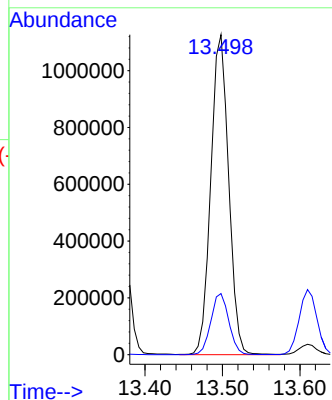
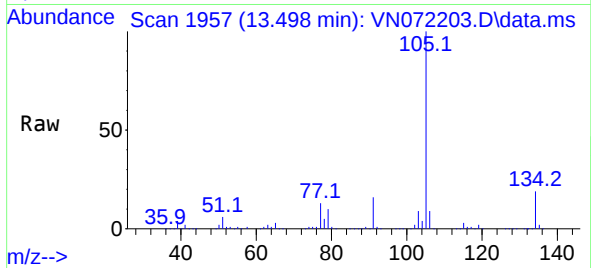
VSTDICC100

Tgt Ion:105 Resp: 1801318
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations

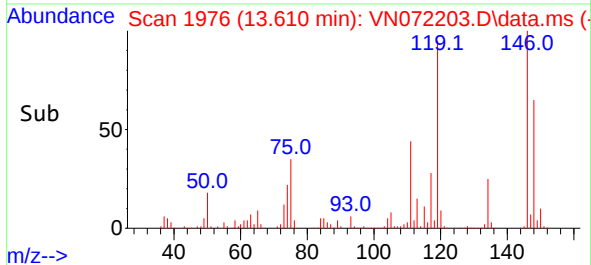
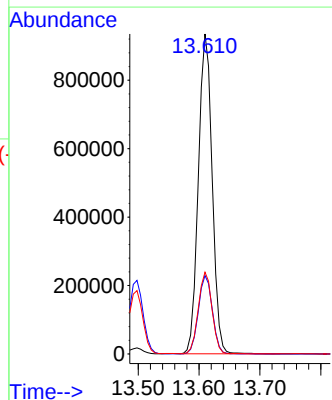
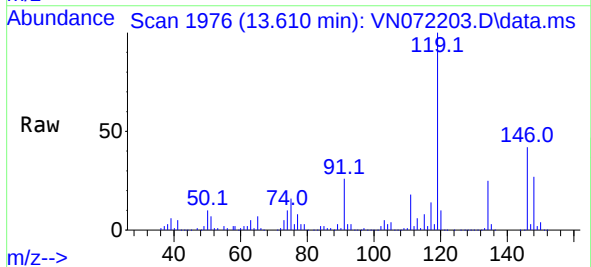
APPROVED

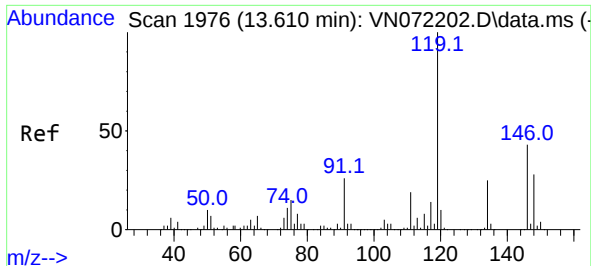
Reviewed By :John Carlone 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022



#86
 p-Isopropyltoluene
 Concen: 119.564 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072203.D
 Acq: 26 Apr 2022 16:49

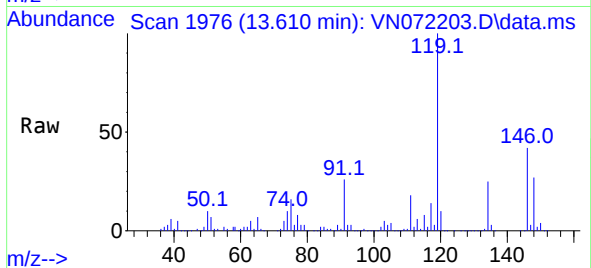
Tgt Ion:119 Resp: 1470376
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.3 39.8
 91 25.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 103.379 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

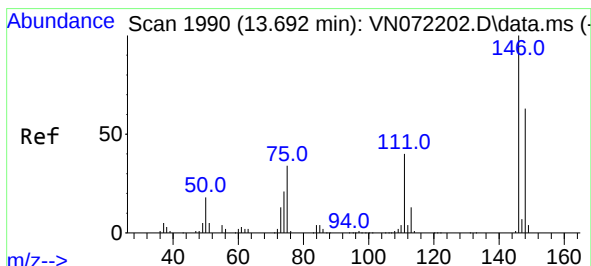
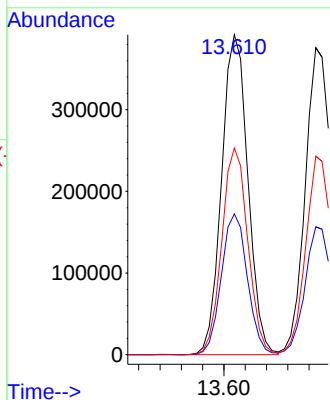
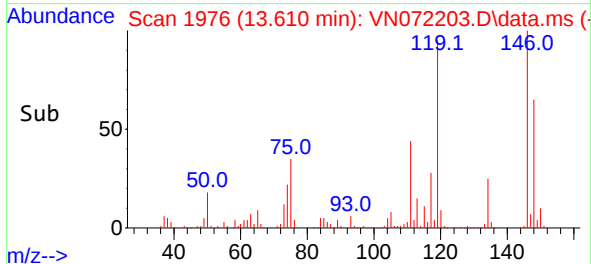
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



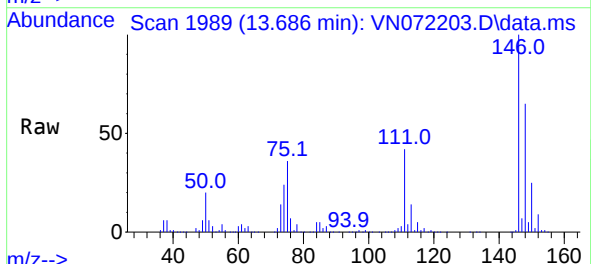
Tgt Ion:146 Resp: 670495
Ion Ratio Lower Upper
146 100
111 43.7 20.0 60.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

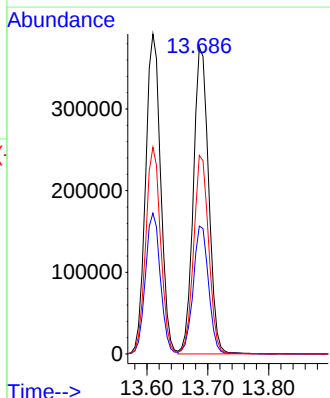
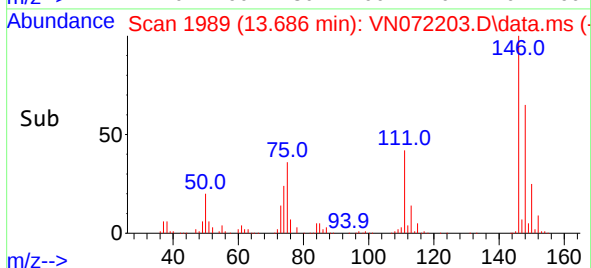
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

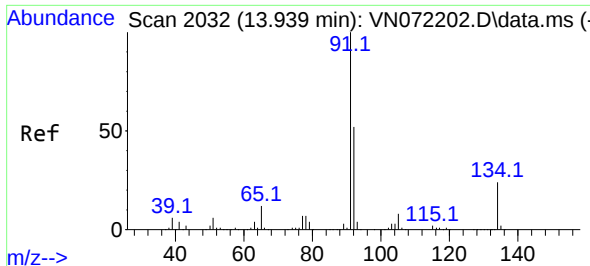


#88
1,4-Dichlorobenzene
Concen: 103.252 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:146 Resp: 653240
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.1
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 130.993 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :

MSVOA_N

ClientSampleId :

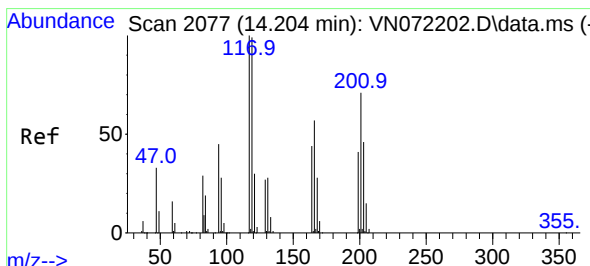
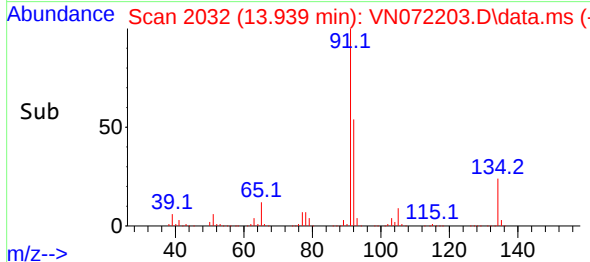
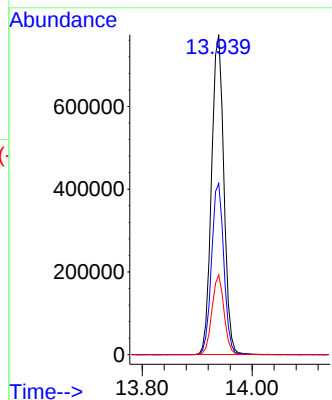
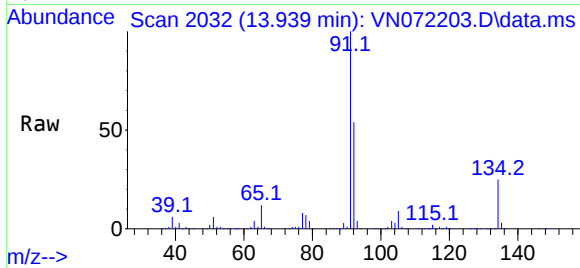
VSTDICC100

Tgt Ion: 91 Resp: 1204460
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 24.5 13.6 40.8

Manual Integrations

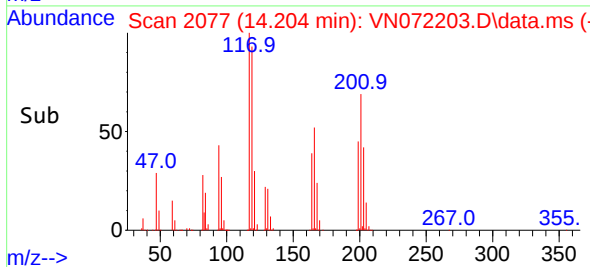
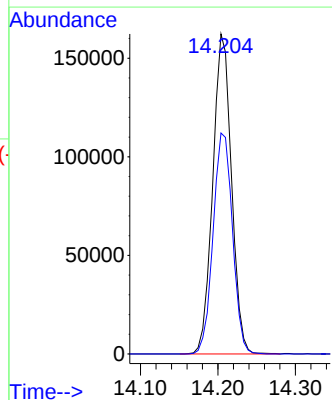
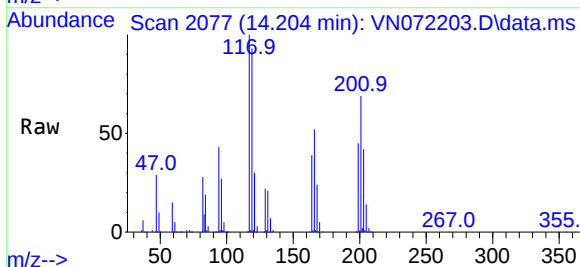
APPROVED

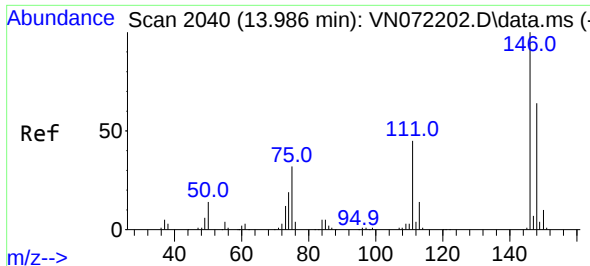
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#90
Hexachloroethane
Concen: 120.029 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Tgt Ion:117 Resp: 272248
Ion Ratio Lower Upper
117 100
201 71.4 40.6 122.0





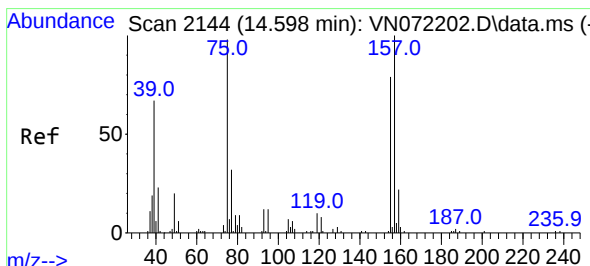
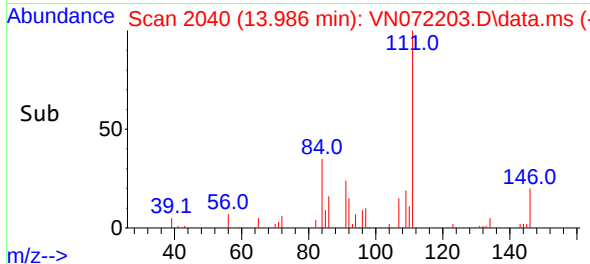
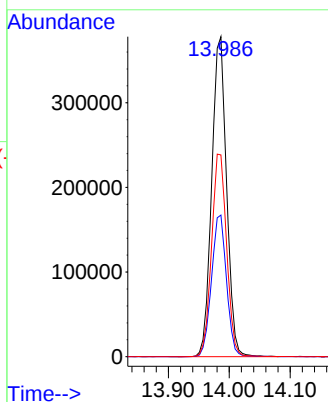
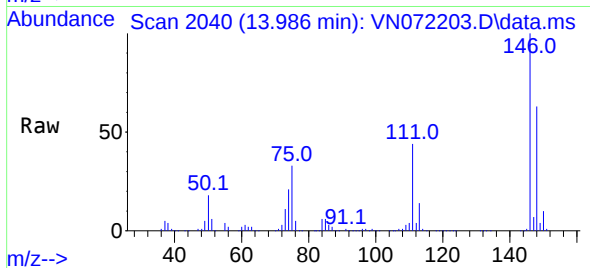
#91
1,2-Dichlorobenzene
Concen: 100.274 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 63992
Ion Ratio Lower Upper
146 100
111 44.7 20.9 62.8
148 64.4 32.1 96.3

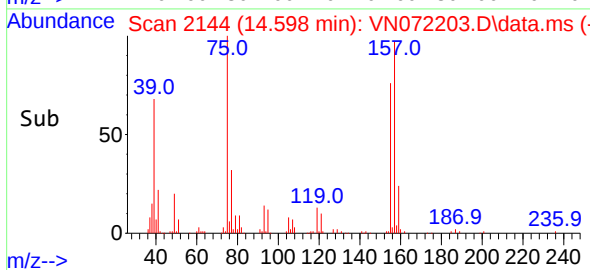
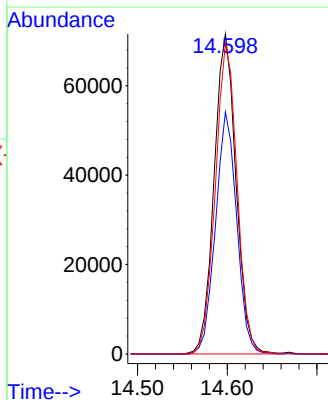
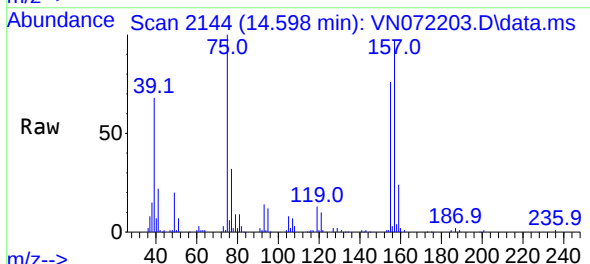
Manual Integrations
APPROVED

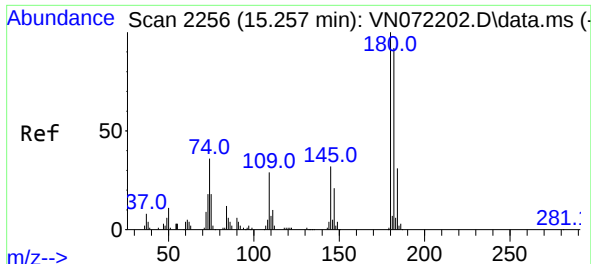
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 137.299 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

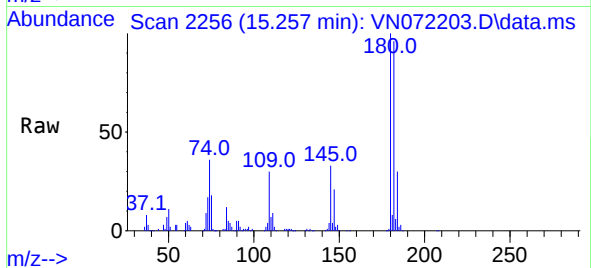
Tgt Ion: 75 Resp: 121459
Ion Ratio Lower Upper
75 100
155 73.2 44.9 134.5
157 96.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 126.324 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

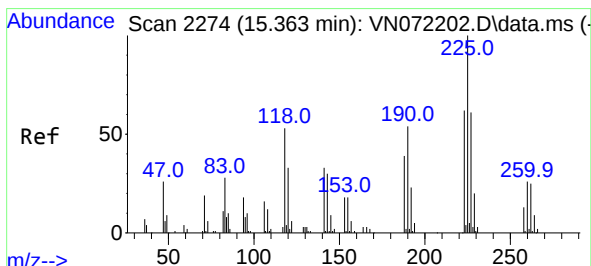
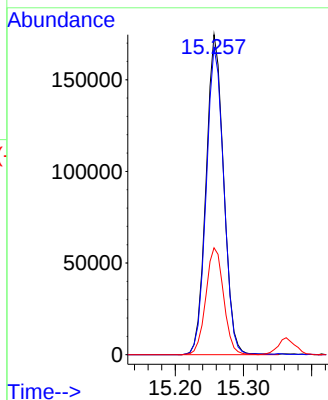
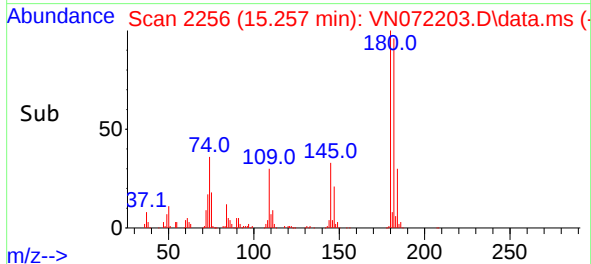
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



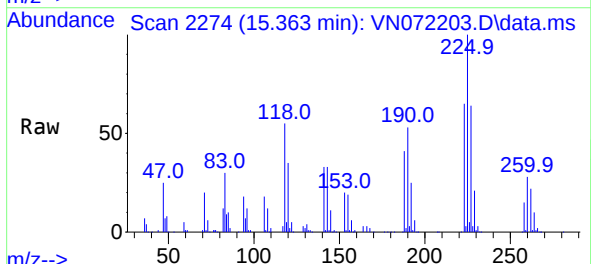
Tgt Ion:180 Resp: 31308
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 33.8 14.5 43.5

Manual Integrations
APPROVED

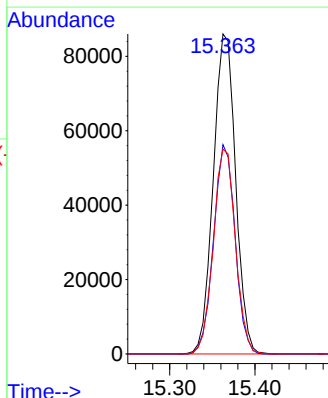
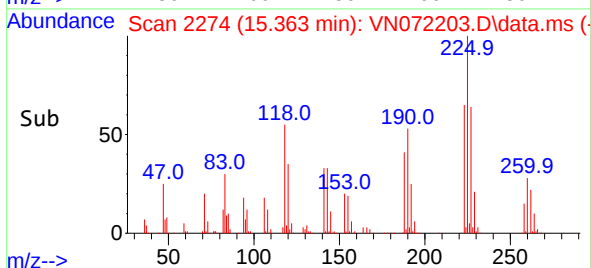
Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

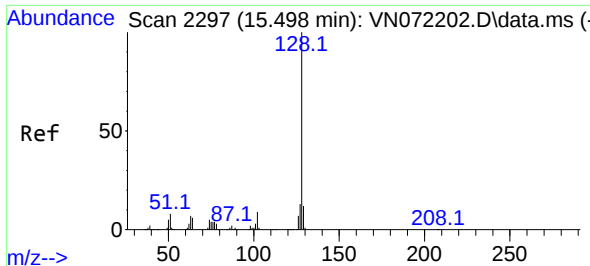


#94
Hexachlorobutadiene
Concen: 84.902 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



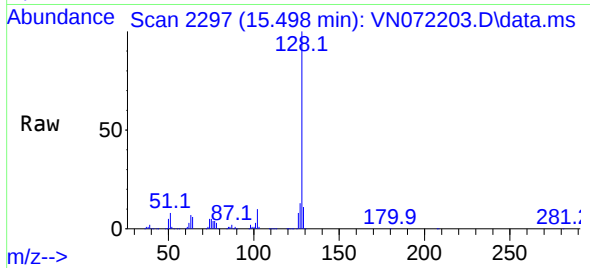
Tgt Ion:225 Resp: 156778
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 174.260 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49

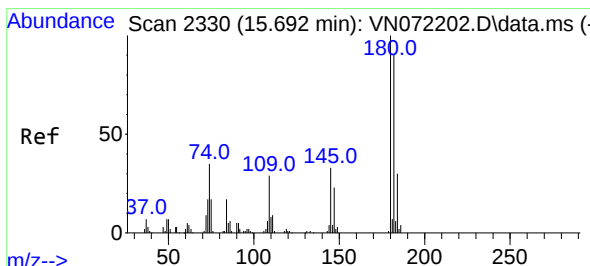
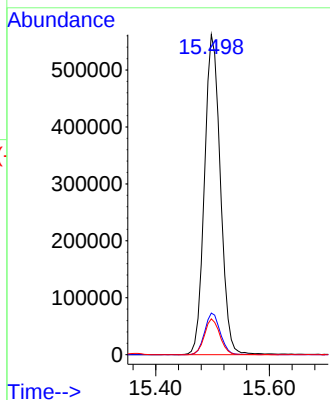
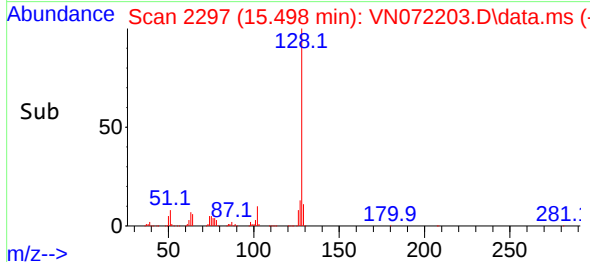
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



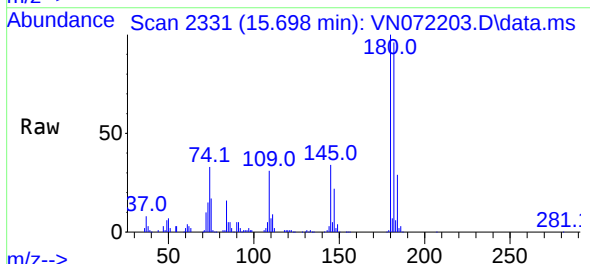
Tgt Ion:128 Resp: 108928
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 136.339 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072203.D
Acq: 26 Apr 2022 16:49



Tgt Ion:180 Resp: 314675
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 35.3 15.5 46.5

